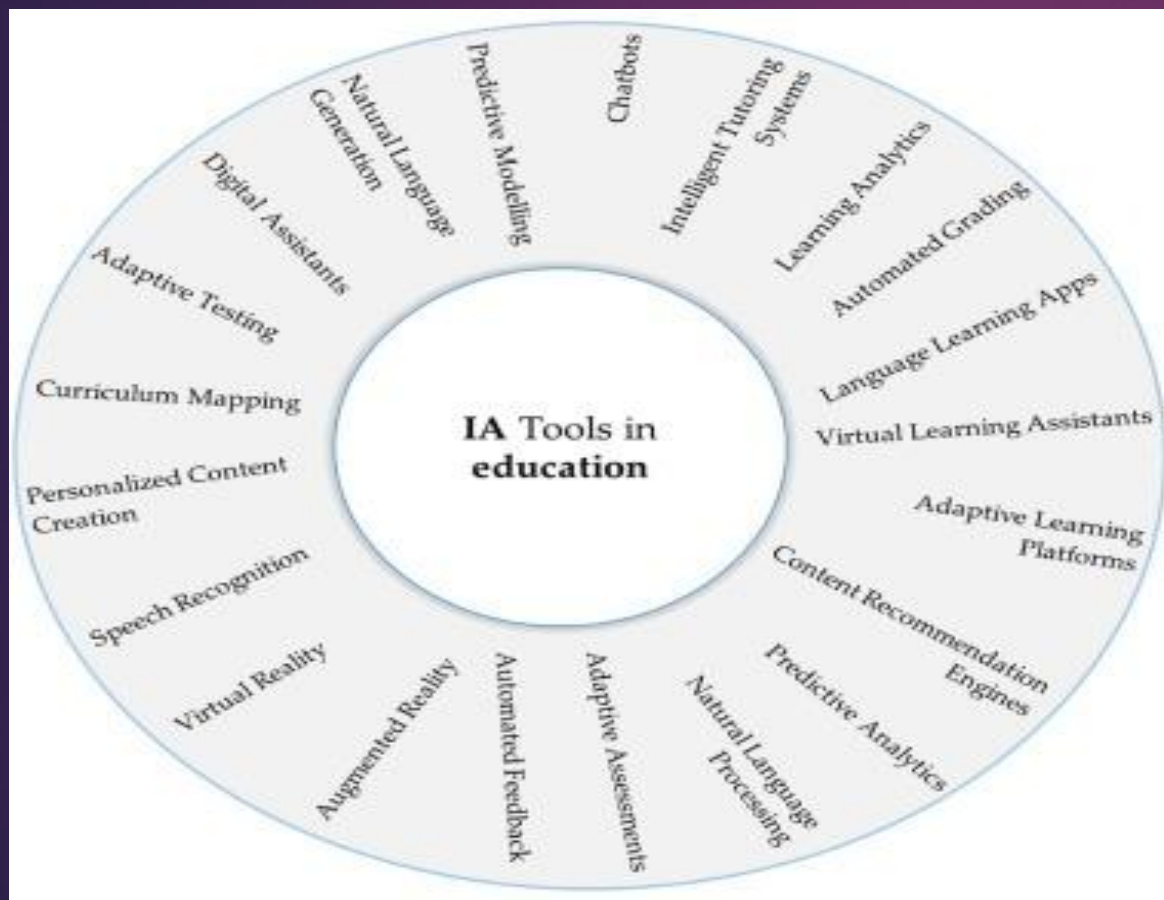


# AI IN SEARCH AND EDUCATION

دلیلی صالح

۱۴۰۴



# Monica AI

Monica ChatPDF

Search

## Apps

**Browser Extension** >  
Supports Chrome & Edge

**Desktop Apps** >  
Supports Windows & Mac

**Mobile Apps** >  
Supports Android & iOS

**Monica Code** >  
Code assistant for VSCode & JetBrains IDEs

## AI Models >

GPT-4.1  
OpenAI o3  
Gemini 2.5 Pro  
Claude 3.7 Sonnet  
Kling AI  
PixVerse AI

## Image Tools >

AI Image Generator  
AI Image to Image  
AI Image to Animation  
AI Watermark Remover  
AI Logo Generator  
Photo to Cartoon

## PDF Tools >

ChatPDF  
PDF Translator  
PDF to PNG  
PDF to PPT  
AI Resume Checker  
AI Resume Scanner

## Writing Tools >

AI Detector  
AI Text Humanizer  
AI Math Solver  
Bypass AI  
AI Translator  
Rewrite Text

## Summary >

YouTube Summary  
AI Video Summari  
Summary Generat  
AI Podcast Genera  
AI Mind Map Mak  
Audio to Text

Augmented Reality\_ An Overview and Five Directions for AR in Educ.pdf

Chat PDFs with GPT-4o

Start Free Trial

Uploading...(0%)

# Monica AI

- ▶ **تبدیل متن به تصویر:** کلمات خود را به تصاویر تبدیل کنید.
- ▶ **تبدیل متن به ویدئو:** تصاویر خود را به راحتی انیمیشن کنید و داستان‌ها را با حرکت پویا زنده کنید.
- ▶ **ویرایشگر تصویر هوش مصنوعی:** مجموعه ابزار همه‌کاره برای دستکاری پیشرفته تصاویر، شامل حذف اشیاء، ویرایش پس‌زمینه، بزرگ‌نمایی و بهبودهای مبتنی بر هوش مصنوعی.
- ▶ **گفتگو و خلاصه‌سازی**
- ▶ ✓ **چت با PDF: PDF** را آپلود کنید و برای درک بهتر محتوا با آن گفتگو کنید.
- ▶ ✓ **چت با تصویر:** تصویر را آپلود کنید و سوالات خود را بپرسید که توسط GPT-4V پشتیبانی می‌شود.
- ▶ ✓ **خلاصه صفحه وب:** بدون نیاز به خواندن کامل صفحات وب، خلاصه‌ها را دریافت کنید.
- ▶ ✓ **خلاصه YouTube:** بدون نیاز به تماشای کامل ویدیوها، خلاصه‌ها را دریافت کنید.

# Monica AI

## نوشتن

- ✓ نگارش: با استفاده از ' ' compose برای نوشتن سریع و سفارشی مقالات یا گزارش‌ها، با کنترل بر اندازه، سبک و لحن.
- ✓ دستیار نوشتن: موضوعی ارائه دهید و ما به‌طور خودکار طرح‌ها را با محتوای گسترش یافته و منابع تهیه می‌کنیم.
- ✓ پاسخ ایمیل: در Gmail، بر اساس محتوای ایمیل گزینه‌های پاسخ را پیشنهاد می‌دهیم که امکان پاسخ‌گویی با کلیک بدون تایپ را فراهم می‌کند.
- ✓ بازنویسی دور زدن AI: محتوای شما را به‌طور هوشمند بازنویسی می‌کنیم تا جوهره آن حفظ شود و در عین حال از ابزارهای تشخیص AI دوری کند، اطمینان حاصل می‌کند که کار شما به‌صورت انسانی به نظر می‌رسد.

## ترجمه

- ✓ ترجمه PDF: یک PDF را ترجمه کنید و آن را با نسخه اصلی در سمت چپ و ترجمه در سمت راست مقایسه کنید.
- ✓ ترجمه موازی: صفحات را بدون پنهان کردن متن اصلی ترجمه کنید تا مقایسه زبانی و پاسخ‌های دقیق را فراهم کنید.
- ✓ ترجمه متن: متن انتخاب شده در صفحات وب را به‌صورت فوری ترجمه کنید.
- ✓ مقایسه ترجمه AI: ترجمه‌ها از مدل‌های مختلف AI را مقایسه کنید تا دقت و ظرافت در تفسیر زبان را تضمین کنید.

# Monica AI

## جستجو

- ✓ دستیار جستجو: سوالی بپرسید و ما با استفاده از چندین کلمه کلیدی جستجو، بررسی و پاسخ را پیدا می‌کنیم.
- ✓ تقویت جستجو: پاسخ‌های ChatGPT را در کنار موتورهای جستجو مانند Google و New Bing بارگذاری کنید.

## یادداشت AI

- ✓ Memo یک پایگاه دانش AI است که در آن می‌توانید صفحات وب، چت‌ها، تصاویر و PDFها را ذخیره کنید. با Memo گفتگو کنید تا به اطلاعات دسترسی پیدا کنید و با رشد آن، می‌توانیم پاسخ‌های دقیق‌تر و متناسب‌تری برای شما ارائه دهیم.

## نحوه استفاده:

- روی دکمه "افزودن به Chrome" کلیک کنید و آن را به نوار ابزار بین کنید.
- وارد حساب کاربری خود شوید.
- با فشردن Cmd/Ctrl+M، Monica را بیدار کنید.
- شروع به کار با AI کنید!

# Summarize key points

The screenshot shows the Monica AI chat interface. The browser address bar displays the URL: `monica.im/home/chat/Monica/monica?convId=conv%3Af40def4f-73fc-40e2-af9e-369762364898`. The interface includes a sidebar with navigation options: Chat, Image, Video, and Audio. A promotional banner for a "Flash Sale, Save 16%" is visible, along with a list of features like "More GPT-4o queries" and "Webpage Summary". A list of AI models is provided, including DeepClaude, Perplexity-reasoning, Perplexity, Claude 3.5 Haiku, GPT-4.1 mini, GPT-4.1 nano, GPT-4o mini, Gemini 2.5 Flash, Gemini 2.5 Pro, Llama 3.1 405B, Llama 3.1 70B Ultra-Fast, GPT-4, DALL-E 3, and an "Explore Bot" option.

The main chat area shows a user prompt: "Summarize key points". A file attachment is shown: "Augmented Reality\_ An Overview a..." (582.5 KB). The AI response, from "Monica (DeepSeek R1)", indicates it "Thought for 18 seconds" and provides a "Reasoning Process".

**Reasoning Process**

Okay, let's start by understanding the user's request. They want a summary of the key points from the provided PDF document titled "Augmented Reality: An Overview and Five Directions for AR in Education." The document is quite lengthy, so I need to extract the main ideas efficiently.

First, I'll recall the structure of the paper. It begins with an abstract that outlines the purpose of discussing AR's potential in education. Then, it moves into definitions, distinguishing AR from virtual reality (VR) and

Below the reasoning process, there are several tool buttons: Translate, Calendar, Document, Mindmap, Mermaid, Form, Artifa..., and All. The chat interface also includes a search bar, a list of bots, and a bottom navigation bar with icons for various functions.

https://monica.im



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# All-in-one AI assistant. Personalized, fast and free.

Monica leverages cutting-edge AI models, including OpenAI o3-mini, DeepSeek R1, GPT-4o, Claude 3.7, and Gemini 2.0, to enhance your chat, search, writing, and coding experiences. Available as a browser extension for Chrome and Edge, as well as a mobile and desktop app.



Add to Chrome - It's free



Desktop & mobile app ▾

Monica



Chat

Hi James 🙌


How can I help you today?

Hi James 🙌



chat




# Add to chrome

 chrome web store

Discover Extensions Themes



## Monica: ChatGPT GPT-4o, Claude

 monica.im  Featured 4.9★ (25.3K ratings)  Share

Extension

Tools

3,000,000 users



Add "Monica: ChatGPT AI Assistant | DeepSeek, GPT-4o, Claude 3.5, o1 &More"?

It can:

Read and change all your data on all websites

Add extension

Cancel



# Rewrite Text Online

Automatically rewrite texts in articles, essays, books or social media posts to make your content unique and remove plagiarism.

Modes: **Standard** Academic Blog Shorten Expand

Intensity: 

## Input

### Result

These result demonstrate the application and innovation of AR as human-computer integration technology.

This paper summarizes and analyzed the expert's words about augmented reality in health education, development tools, applications and all aspects of it in education.

This paper first expounds the research and progress of augmented reality in health education with qualitative method at home.

AR technology generally focus on the software and hardware infrastructure platforms in the core of technology.

## Output

Language: Auto

1. Improve patient care by simulating clinical scenarios that enhance critical thinking and decision-making skills.
2. Boost health literacy by making complex information more accessible and engaging for patients.
3. Foster empathy and understanding through immersive experiences that help healthcare professionals appreciate patients' perspectives.

### Results

The results illustrate AR's application as a human-computer integration technology.

This study synthesizes expert insights on augmented reality in health education, covering development tools, applications, and various educational aspects. Initially,

# Products



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### Browser Extension

Supports Chrome & Edge



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AI Math Solver

Bypass AI

AI Translator

Rewrite Text

## Summary

YouTube Summary

AI Video Summarizer

Summary Generator

AI Podcast Generator

AI Mind Map Maker

Audio to Text

# متن پرامپت برای استفاده در Scholar GPT جهت دریافت مرور متون با منابع دقیق:

- ▶ Write a detailed literature review about [**insert topic**]. Use valid, peer-reviewed, and academic references, preferably from PubMed-indexed sources. In the text, cite references with numbered citations (e.g., [1], [2]) corresponding to a reference list at the end. The reference list must include full citation details along with active DOI links where available.

Research

Safety

ChatGPT

Sora

API Platform

For Business

Stories

Company

News

## What can I help with?

What are some outdoor markets in Mexico City?

Rédigez une note de remerciement



Search with ChatGPT

Talk with ChatGPT

Research

Sora

More



New chat

Today

Augmented Reality in Educa... ⋮

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### Augmented Reality in Education Overview

## Summary of "Augmented Reality: An Overview and Five Directions for AR in Education"



Augmented Reality\_ An Ov...  
PDF 568.84KB

summery



### Summary of "Augmented Reality: An Overview and Five Directions for AR in Education"

This paper provides a comprehensive overview of Augmented Reality (AR) and explores its potential applications in education. Authored by Yuen, Yaoyuneyong, and Johnson, the study highlights AR as an emerging technology that enhances the real world with computer-generated content, making it interactive and contextually relevant.

#### Key Points:

##### 1. Definition and Characteristics of AR:

Message DeepSeek

DeepThink (R1)

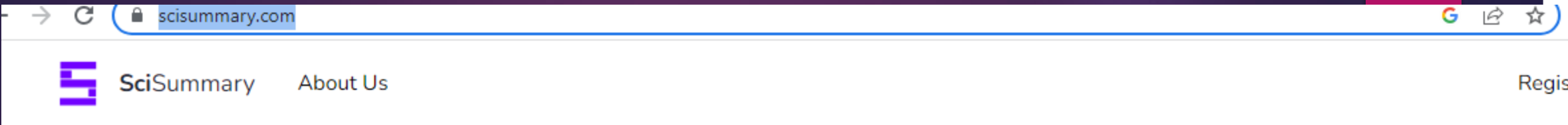
Search



Scisummary

<https://scisummary.com/>

ابزار خلاصه سازی چکیده و متن مقالات علمی و آکادمیک ▶



The image shows a browser window with the URL 'scisummary.com'. The header includes the SciSummary logo, 'About Us' link, and a 'Regis' link. The main content area features a large heading and a sub-heading, followed by a call-to-action button and logos for SciSummary and ChatGPT.

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# ابزار کاربردی مناسب در زمینه نگارش مقاله

- ▶ [www.DeepL.com/write](http://www.DeepL.com/write)
- ▶ [www.gemini.google.com](http://www.gemini.google.com)
- ▶ [Start.chatgot.io](http://Start.chatgot.io)
- ▶ [App.inkey.ai](http://App.inkey.ai)
- ▶ [www.humata.ai](http://www.humata.ai)
- ▶ [Semanticscholar.org](http://Semanticscholar.org)

□ ویرایش و پارافریز مقاله

□ ترجمه تخصصی مقالات

□ خلاصه کردن مقالات

□ داوری مقالات

□ آنالیز مقالات

□ جستجوی مقاله، پیدا کردن مقالات مشابه

## ابزار مناسب نگارش پیشینه

- ▶ scienceOS
- ▶ Qwen
- ▶ DeepSeek
- ▶ ChatGPT
- ▶ Leonardo

# تبدیل متن به فایل صوتی تولید متن به پادکست

- ▶ NotebookLM
- ▶ <https://notebooklm.google.com/>

- ▶ فایل سخنرانی پادکست کنید
- ▶ کتاب ها به صوتی تبدیل کنید
- ▶ مقالات را خلاصه گوش بدی

## ابزار پارافریز کردن

- ▶ Quillbot
- ▶ Chat GPT
- ▶ WordTUNE
- ▶ <https://plagic.hamanandjooyar.ir/>

# بهترین ابزارهای رایگان هوش مصنوعی برای پژوهش

[gemini.google.com](https://gemini.google.com)

- جستجو با هوش مصنوعی
- درک و توضیح تصویر

[chat.openai.com](https://chat.openai.com)

- پاسخ به سوالات
- درک و توضیح تصویر
- درک مقاله و پرسش و پاسخ

▶ [copilot.microsoft.com](https://copilot.microsoft.com)

- جستجو با هوش مصنوعی ▶
- سوال و جواب از فایل و سایت ▶
- دستیار مطالعه مقاله ▶
- درک و توضیح تصویر ▶

# • بهترین ابزارهای رایگان هوش مصنوعی برای پژوهش

- [elicit.com](https://elicit.com)

- پاسخ به سوال بر اساس فایل مقاله
- استخراج لیست مفاهیم برای مقاله

- [typeset.io](https://typeset.io)

- بازنویسی متن
- خوانش هوشمند مقالات
- ترجمه تخصصی

- ▶ [researchrabbit.ai](https://researchrabbit.ai)

- ▶ خوشه مقالات مشابه

- ▶ ساخت مجموعه مقالات

- ▶ پیدا کردن و اتصال مقالات مشابه

- ▶ [semanticscholar.org](https://semanticscholar.org)

- ▶  جستجوی مقاله

- ▶  پیدا کردن مقالات مشابه

- ▶ [consensus.app](https://consensus.app)

- ▶  پاسخ به سوال بر اساس مقاله

- ▶  پیدا کردن رفرنس برای سوالات

# بهترین ابزارهای رایگان هوش مصنوعی برای پژوهش

Iris.ai

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اکتشاف موضوعات  
طبقه‌بندی مقالات

Worldtune.com

□ ویرایش لحن متن  
□ انسانیزه کردن

▶ scite.ai

▶ □ استناد جملات به مقالات

▶ □ connectedpapers.com

▶ □ پیدا کردن مقالات مشابه

▶ scholarcy.com

▶ □ خلاصه‌سازی مقاله

▶ glasp.co

▶ □ یادداشت‌برداری از مقالات

▶ grammarly.com

▶ اصلاح گرامر

▶ بهبود نگارش

https://plagic.hamanandjooyar.ir/

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نحوه کار

صفحه اصلی



## بازنویسی متن با پلاجیک (نرم افزار کاهش همانندجویی)

سامانه آنلاین پلاجیک یک ابزار پیشرفته برای بازنویسی متون فارسی است که به طور ویژه برای دانشجویان، پژوهشگران و نویسندگان طراحی شده است. این سامانه امکان بازنویسی متون را با کیفیتی بالا و به ساده‌ترین شیوه فراهم می‌کند.

پلاجیک قادر است متن‌ها را بدون ایجاد تغییر در معنا، مفهوم و گرامر بازنویسی کند و با این کار به طور مؤثری مشکل کپی‌رایت و سرقت ادبی را برای انواع محتوا، از جمله مقالات، پایان‌نامه‌ها و محتوای وبسایت‌ها، برطرف نماید. این ابزار، راه‌حلی مطمئن برای تولید محتوای منحصر به فرد و حرفه‌ای ارائه می‌دهد.

از اینجا شروع کنید

<https://www.dimensions.ai/>

**جایگزین مناسبی برای گوگل اسکالر ▶**

# آدرس بهترین ابزارهای هوش مصنوعی در پژوهش:

- ▶ <https://www.napkin.ai/>
- ▶ <https://bohrium.dp.tech/home>
- ▶ <https://www.dimensions.ai>
- ▶ <https://scispace.com>
- ▶ <https://app.litmaps.com>
- ▶ <https://notebooklm.google>
- ▶ <https://mapify.so>
- ▶ <https://chatgpt.com>
- ▶ <https://quillbot.com>
- ▶ <https://www.turnitin.com>
- ▶ <https://julius.ai/chat>


# Bohrium

<https://www.bohrium.com>

۱. پاسخ‌هایی مستند با ارجاع به مقالات علمی منتشرشده ارائه می‌دهد.
۲. امکان چت با مقاله‌ها را فراهم کرده.
۳. و استفاده از آن کاملاً رایگان است!

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# Science Navigator


AI Academic Search for Scientists - Solving Scientific Problems


Ask any scientific question


Auto ▾ Discipline: All Disciplines ▾





Powered by AISI

 What are the directions for quantum computing algorithms?

 What are the directions for quantum computing algorithms?

 How to resolve the black hole information paradox?

 Lipid requirements during the growth stage of banded prawns.

 How can the interpretability of deep learning be improved?

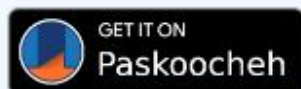
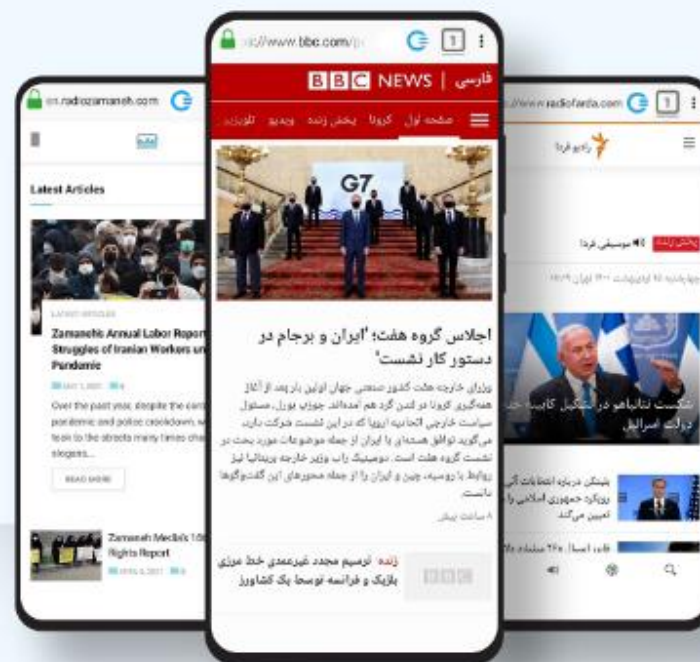
# مرورگر Cenno

- ▶ دسترسی به سایت‌های فیلترشده با استفاده از مرورگر Cenno
- ▶ مرورگر Cenno یک ابزار نوآورانه برای دسترسی به اینترنت آزاد و عبور از سد سانسور است. این مرورگر که بر پایه فایرفاکس توسعه یافته، به کاربران امکان می‌دهد حتی در محیط‌های با محدودیت شدید اینترنت، به وبسایت‌های مسدود شده دسترسی پیدا کنند.



# Share the web!

*Ceno is the world's first web browser that gets better with every installation. Offering a common Internet browsing experience, it relies on a peer-to-peer technology to deliver and share websites among all participants. Ceno can also be used to bypass network restrictions and browse content during a shutdown.*



# به جای Chat GPT از این چهار تا هوش مصنوعی رایگان استفاده کن

- ▶ <https://mistral.ai/>
- ▶ <https://www.deepseek.com/>
- ▶ <https://claude.ai>
- ▶ <https://www.perplexity.ai/>



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# What do you want to know?

Ask anything...

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Unlock Pro Search and History

Analyze Research Local Summarize Recommend

Continue with Apple

Enter your email


Continue with email >


Log in

Single sign-on (SSO)

# What do you want to know?

Ask anything...

 Search

 Research



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Install the native Windows App



 32°C

Tehran

Mostly cloudy

H: 33° L: 18°



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approval rating hits 80...

 Sports

Choose your teams



malidalili73858 4 min. ago

+ Space / augmented reality



New Thread

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augmented reality

# augmented reality



Answer



Images



Sources 41

2 tasks



SAP

Augmented Reality: The Future of Manufacturing | SAP



finehomesandliving.com

Top Augmented Reality Trends to Watch in 2025



+38 sources

## What Is Augmented Reality (AR)?

Augmented Reality (AR) is an interactive technology that overlays computer-generated content—such as images, text, or sounds—onto the real world, typically viewed through devices like smartphones, tablets, or AR glasses <sup>2 5 6</sup>. Unlike virtual reality (VR), which immerses users in a completely digital environment, AR enhances the user's perception of their actual surroundings by blending digital elements with physical reality <sup>2 5</sup>. This integration can be visual, auditory, haptic, or even somatosensory, creating a more immersive and interactive experience <sup>5</sup>.

## How AR Works

- **Devices:** AR experiences are delivered via smartphones, tablets, AR glasses, or head-mounted displays <sup>2 6</sup>.



malidalili738...



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Hyperwriteai.com

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App.inkey.ai

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▶ نوشتن مبانی نظری پایان نامه:

▶ تحلیل و روش تحقیق پایان نامه:

▶ نوشتن چکیده و نتیجه گیری:

# ابزار تولید محتوا و ارائه

## ► course creation assistant in iSpring Page

- **Ispring** سامانه طراحی دوره با هوش مصنوعی از طریق ispring
- تولید محتوای متنی، ویرایش محتوا، تحلیل محتوا، تولید و طراحی سوال

## ► **Nolej.io**

- متن، صوت، پی دی اف، ویدئو به نالج می دهیم و به هشت زبان تولید محتوا انجام می دهد. زبان فارسی را پشتیبانی نمی کند.
- تهیه پاورپوینت، تهیه فیلم، طراحی بازی

# ابزار هوش مصنوعی

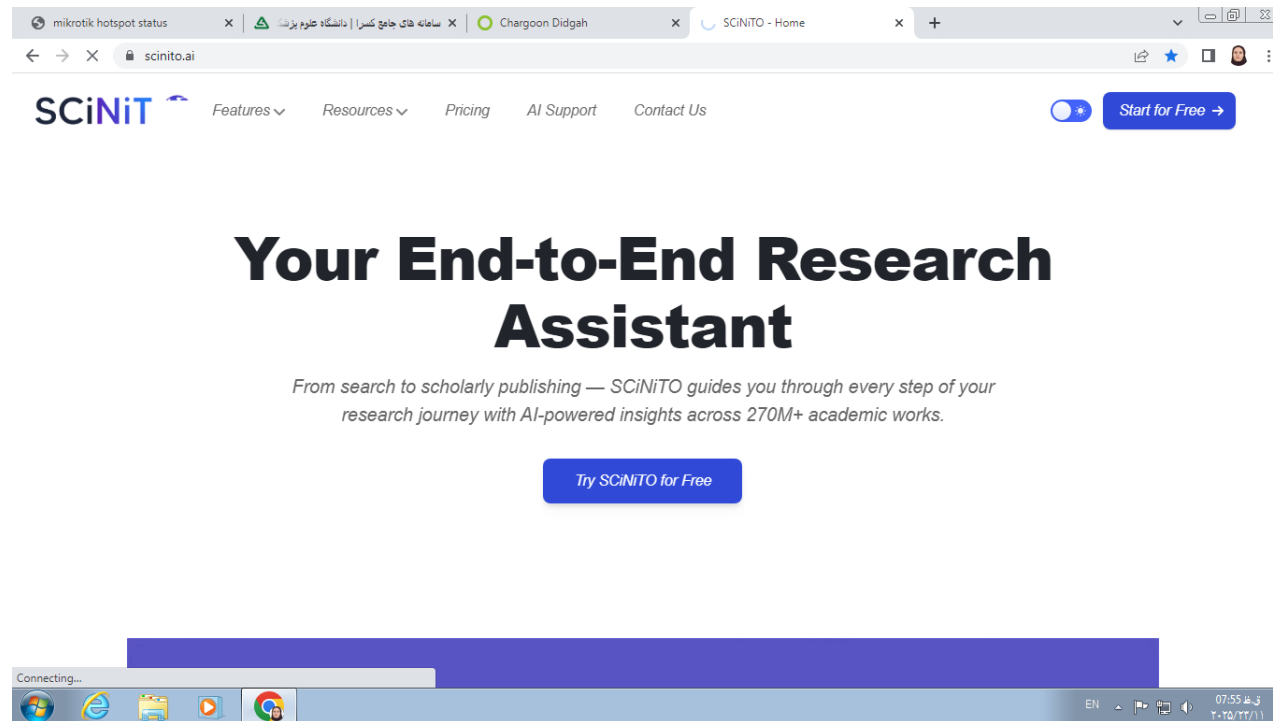
Gamma

تهیه پاورپوینت

عکس

Gemini

scinit



mikrotik hotspot status | سامانه های جامع کسرا | دانشگاه علوم پزشکی | Chargoon Didgah | SCiNiTO - Academic Resource H...

app.scinito.ai/chat/019aaef2ed8a78d7804d3d23db872e30

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# SCiNiTO

Chat, Search, Analyze and Manage Scholarly Data

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Sign in to access our most powerful AI model for more accurate and comprehensive responses to your questions.

Beta  
Ask me anything...

Quick Deep Filters Add Source

Disclaimer: This is an AI-generated response. Accuracy is not guaranteed—verify before use

Trending Questions  
What are the latest developments in machine lear... How does climate change affect biodiversity?

07:56 ۲۰۲۵/۲۲/۱۱

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### Add Sources

Sources with bibliographic details and abstracts enable more rigorous academic responses.

Search Articles From Bookmarks

- (2024-08-07) Behavioral Intention to Adopt Artificial Intelligence in Educational In...  
Ashok GhimireMd Ahsan Ullah ImranBarna BiswasAnamika TiwariSanchita Saha  
[article](#) [Abstract](#)
- (2024-07-26) Is artificial intelligence use related to self-control, self-esteem and s...  
Joaquin Rodriguez-RuizInmaculada Marin-LópezRaquel Espejo-Siles  
[article](#) [Abstract](#)

0 sources selected Cancel OK

Trending Questions

What are the latest developments in machine lear... How does climate change affect biodiversity?

EN 07:58 ۲۰۲۵/۲۲/۱۱

# مبتنی بر مقاله یا کتاب

The screenshot displays the SciNito AI Chat interface within a web browser. The browser's address bar shows the URL `app.scinito.ai/chat/019aaef2ed8a78d7804d3d23db872e30`. The SciNito interface includes a navigation bar with options like 'Search', 'AI Chat', 'Recommendation', 'Reviewer', 'PDF Analysis', and 'Projects'. A 'Sign in' button is visible in the top right corner. A modal dialog titled 'Add Sources' is open, featuring a search bar with the query 'psychology artificial intelligence education student'. Below the search bar, two search results are listed:

- (2024-07-17) Future Developments of Higher Education on Social Psychology**  
D. Kalaiselvi M. S. Ramaratnam S. Kokila Ratan Sarkar S. Anandakumar Sampath Boopathi  
Buttons: **book-chapter** **Abstract**
- (2024-02-01) Artificial Intelligence in Education: Next-Gen Teacher Perspectives**  
Nicoleta Sâmărescu Robert Bumbac Alin Zamfiroiu Maria-Cristina Iorgulescu  
Buttons: **article** **Abstract**

At the bottom of the dialog, it indicates '0 sources selected' and provides 'Cancel' and 'OK' buttons. The background interface shows a 'Trending Questions' section with prompts like 'What are the latest developments in machine learning?' and 'How does climate change affect biodiversity?'. The Windows taskbar at the bottom shows the time as 07:58 and the date as ۲۰۲۵/۰۳/۱۱.

# filter

The screenshot shows a web browser window with multiple tabs. The active tab is 'SCiNiTO - Academic Resource'. The browser address bar shows the URL 'app.scinito.ai/chat/019aaef2ed8a78d7804d3d23db872e30'. The SciNito interface includes a navigation bar with 'Search', 'AI Chat', 'Recommendation', 'Reviewer', 'PDF Analysis', and 'Projects'. A notification bar says 'Sign in to unlock AI Chat and more features'. The main content area is titled 'Chat, Search, Analyze and Manage Scholarly Data' and contains a sign-in prompt: 'Unlock Enhanced AI Capabilities. Sign in to access our most powerful AI model for more accurate and comprehensive responses to your questions.' Below this is a search input field with a 'Beta' label and the text 'AI-enabled personalized ...'. A search bar contains 'Artificial intelligence motivation learning improving student psychology'. The search bar has buttons for 'Quick', 'Deep', 'Filters', and 'Add Source'. A disclaimer states: 'Disclaimer: This is an AI-generated response. Accuracy is not guaranteed—verify before use'. Under 'Suggested Tasks', there is a section for 'Deep Insight Analysis' with the text: 'Get comprehensive AI-powered analysis of "AI-enabled personalized learning: empowering management students for improving engagement and academic performance" including detailed findings, methodology review, and research implications.' On the right side, a 'Filters' sidebar is open, showing options for 'Published Date' (Last 2 years, Last 5 years, Last 10 years), 'Since' (1900) and 'To' (2025) date pickers, 'Venue', 'Country/Region', 'Exclude Preprints' (toggle off), and 'Open Access' (toggle off). 'Cancel' and 'Apply' buttons are at the bottom of the sidebar. The Windows taskbar at the bottom shows icons for various applications and the system tray with the time '08:06' and date '۲۰۲۵/۲۲/۱۱'.

# answer

The screenshot shows a web browser window with several tabs open. The active tab is titled "SCINITO - Academic Resource" and displays a chat interface. The chat history shows a question: "→ Artificial intelligence motivation learning improving student psychology". The AI's response is titled "Answer" and includes a "Summary" section. The summary states: "Artificial intelligence (AI) plays a transformative role in enhancing student motivation and psychological well-being in educational settings by enabling personalized learning experiences that align with self-determination theory (SDT) principles, such as autonomy, competence, and relatedness. These approaches foster intrinsic motivation, engagement, and improved academic performance, with additional benefits from gamification to make learning more interactive and rewarding. This synthesis draws from two key studies examining AI's integration in education and its psychological impacts." Below the summary, there are two sub-sections: "AI's Role in Personalized Learning and Student Motivation" and "Empirical analyses in management education contexts show that AIPL significantly improves student engagement and academic performance (AP), with autonomy emerging as a primary driver of these outcomes. Path analysis models confirm AI's central role in mediating these relationships, demonstrating how personalized AI tools reshape educational dynamics to prioritize student psychology over rote instruction. For instance, AI algorithms can adjust difficulty levels in real-time, reinforcing a sense of achievement and intrinsic motivation, which aligns with SDT's emphasis on fulfilling basic psychological needs."

# Answer with reference

The screenshot shows a web browser window with several tabs. The active tab is 'app.scinito.ai/chat/019aaef2ed8a78d7804d3d23db872e30'. The page content includes a 'Summary' section and a 'Bibliography' section. A citation popup is visible over the bibliography text.

**Summary**

Artificial intelligence (AI) plays a transformative role in enhancing student motivation and psychological well-being in educational settings by enabling personalized learning experiences that align with self-determination theory (SDT) principles, such as autonomy, competence, and relatedness. These approaches foster intrinsic motivation, engagement, and improved academic performance, with additional benefits from gamification to make learning more interactive and rewarding . This synthesis draws from two key studies examining AI's integration in education and its psychological impacts.

**AI's Role in Personalized Learning and Student Motivation**

AI-driven personalized learning (AIPL) tailors educational content to individual student needs, speeds, and preferences, thereby enhancing engagement. Rooted in SDT, AIPL supports autonomy by allowing students to control their learning paths, enhances competence by building skills, and promotes relatedness via interactive, supportive environments . This interdisciplinary approach combines educational psychology and AI frameworks to create intrinsically motivating experiences, where students feel empowered rather than directed, leading to decreased barriers like disinterest or frustration .

Empirical analyses in management education contexts show that AIPL significantly improves student engagement and academic performance, emerging as a primary driver of these outcomes . Path analysis models confirm AI's central role in mediating these relationships, as AI tools reshape educational dynamics to prioritize student psychology over rote instruction . For instance, AI algorithms personalize learning paths, reinforcing a sense of achievement and intrinsic motivation, which aligns with SDT's emphasis on fulfilling basic psychological needs .

**Bibliography**

AI-enabled personalized learning: empowering management students for improving engagement and academic performance

Vilakshan - XIMB Journal of Management

Adil Ellikkal, S. Rajamohan

2024 article 2-Y Citation Average: 6.114 Publisher

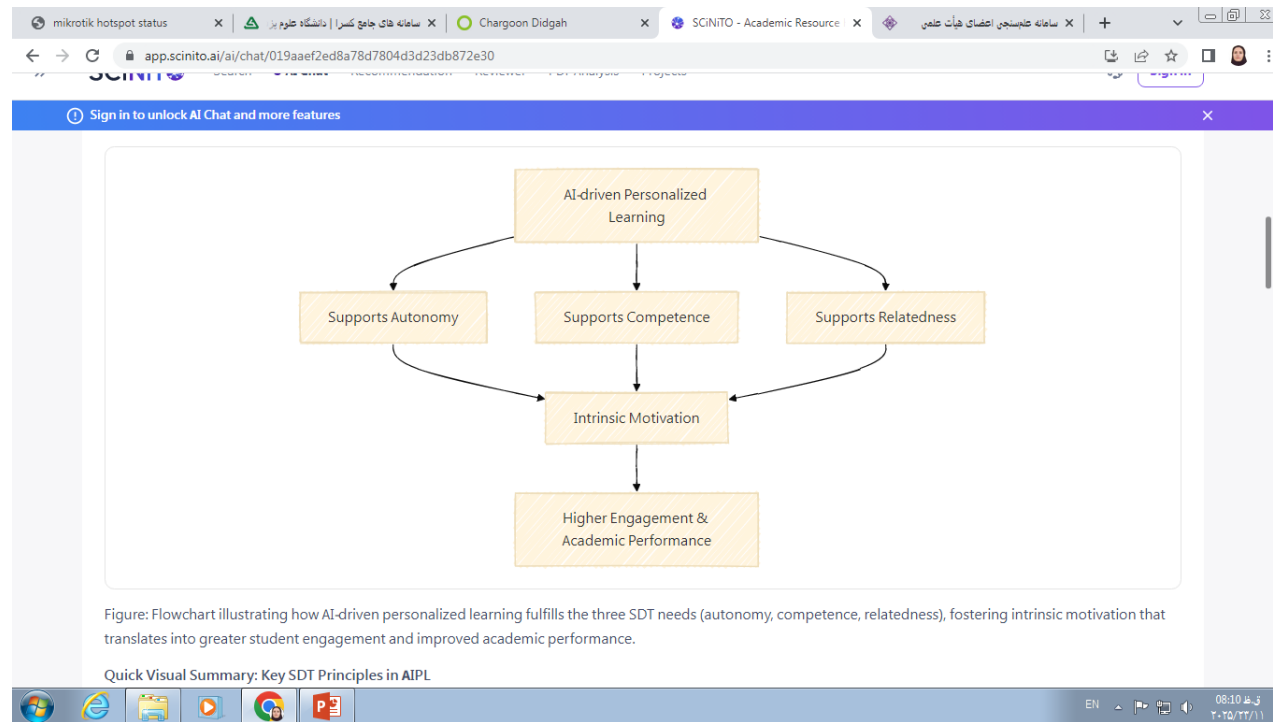
Year: 2024 Citations: 65 References: 55

URL: <https://doi.org/10.1108/xjm-02-2024-0023> Publisher:

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AI-driven Personalized Learning

# Table flowchart figure



# Summary table

Higher Engagement & Academic Performance

Figure: Flowchart illustrating how AI-driven personalized learning fulfills the three SDT needs (autonomy, competence, relatedness), fostering intrinsic motivation that translates into greater student engagement and improved academic performance.

Quick Visual Summary: Key SDT Principles in AIPL

SDT PRINCIPLE	AI MECHANISM	PSYCHOLOGICAL IMPACT	OUTCOME ON LEARNING
Autonomy	Self-paced content selection	Empowers student choice, reduces external pressure	Higher intrinsic motivation and engagement
Competence	Adaptive feedback and skill-building exercises	Builds confidence through achievable challenges	Improved academic performance
Relatedness	Interactive, collaborative AI interfaces	Fosters connection and social support	Deeper emotional investment in learning

Integration of Gamification with AI for Enhanced Motivation

Combining AI with gamification further amplifies motivation by making learning engaging and psychologically rewarding. Gamification introduces elements like competition, cooperation, rewards, and progression systems, which transform traditional education into fun, game-like experiences that sustain student interest and deepen psychological involvement. AI enhances this by personalizing gamified content to match individual learning profiles, ensuring that motivational triggers are relevant and effective.

# analyze student progress

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app.scinito.ai/chat/019aaef2ed8a78d7804d3d23db872e30

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In practical applications, such as corporate training exemplified by Vakif Participation Bank, AI-gamification hybrids improve internal communication, behavioral psychology, job performance, and employee training by leveraging rewards to encourage participation and self-reflection. This approach positively influences student (or trainee) psychology by increasing fun and relevance, countering motivational dips common in conventional methods. The synergy of AI's personalization and gamification's interactivity creates a more effective educational ecosystem, where psychological benefits like heightened motivation lead to better retention and performance.

Studies highlight that these combined methods go beyond traditional education, offering tailored experiences that address diverse psychological needs and promote long-term engagement. For example, AI can analyze student progress to dynamically adjust gamified challenges, reinforcing competence and relatedness while sustaining autonomy.

```
graph LR; A[AI Personalization Engine] --> B[Tailored Gamified Content]; B --> C[Game Elements Rewards, Competition, Progression]; C --> D[Increased Motivation & Engagement]; D --> E[Performance Data & Feedback]; D --> F[Improved Learning Outcomes]; E --> A;
```

Diagram: Feedback loop showing how AI personalizes gamified learning experiences, which boost motivation and engagement; the resulting performance data feeds back to the AI engine for continual adaptation, ultimately enhancing learning outcomes.

Connections and Comparisons Between Sources

Both sources emphasize AI's potential to revolutionize education through psychological lenses, but they differ in focus and application. Source provides a theoretical and empirical foundation in academic settings, using SDT to validate AIPI's impact on motivation and AP via data-driven path models. In contrast, Source

08:35 ۲۰۲۵/۲۲/۱

# Master Summary Table: Key Findings on AI, Motivation, Learning, and Student Psychology

The screenshot shows a web browser window with several tabs. The active tab is titled "SCINITO - Academic Resource" and displays a page with a blue header that says "Sign in to unlock AI Chat and more features". Below the header, there is a section titled "Master Summary Table: Key Findings on AI, Motivation, Learning, and Student Psychology". The table contains five rows of data, each with four columns: Theme, Core Insights, Supporting Evidence (Citations), and Implications for Education. Below the table, there is a "References" section.

THEME	CORE INSIGHTS	SUPPORTING EVIDENCE (CITATIONS)	IMPLICATIONS FOR EDUCATION
AI-Personalization	Tailors learning to individual needs, fulfilling SDT principles for intrinsic motivation	Autonomy drives AP; empirical validation	Empowers students, enhances engagement
Gamification Integration	Adds fun elements (rewards, competition) to AI for deeper psychological involvement	Improves behavior, performance in training	Makes learning sustainable and enjoyable
Psychological Impacts	Boosts autonomy, competence, relatedness; counters disengagement	Path models show AI mediation; behavioral changes	Improves mental well-being and motivation
Overall Educational Outcomes	Higher engagement, AP and motivation through innovative, tech-driven methods	Transformative in academic and professional settings	Guides policymakers toward AI adoption
Research Gaps/Trends	Interdisciplinary synthesis needed; more empirical studies on hybrids	Original insights from SDT-AI fusion; organizational examples	Future focus on scalable, personalized tools

References

# sources

The screenshot shows a web browser window with several tabs. The active tab is titled "SCINITO - Academic Resource". The address bar shows the URL "app.scinito.ai/chat/019aaef2ed8a78d7804d3d23db872e30". The page content includes a sign-in prompt, a list of references, and a "Sources" section with two items.

performance. *Journal of Management Development*. <https://doi.org/10.1108/xjm-02-2024-0023>

2. Erbaşı, Z., Tural, B., & Çoşkuner, İ. (2023). The role and potential of artificial intelligence and gamification in education: The example of Vakıf Participation Bank. *Open Journal of Research and Development*, 3(1). <https://doi.org/10.56038/oprd.v3i1.329>

Make Project Search Copy Filters (1)

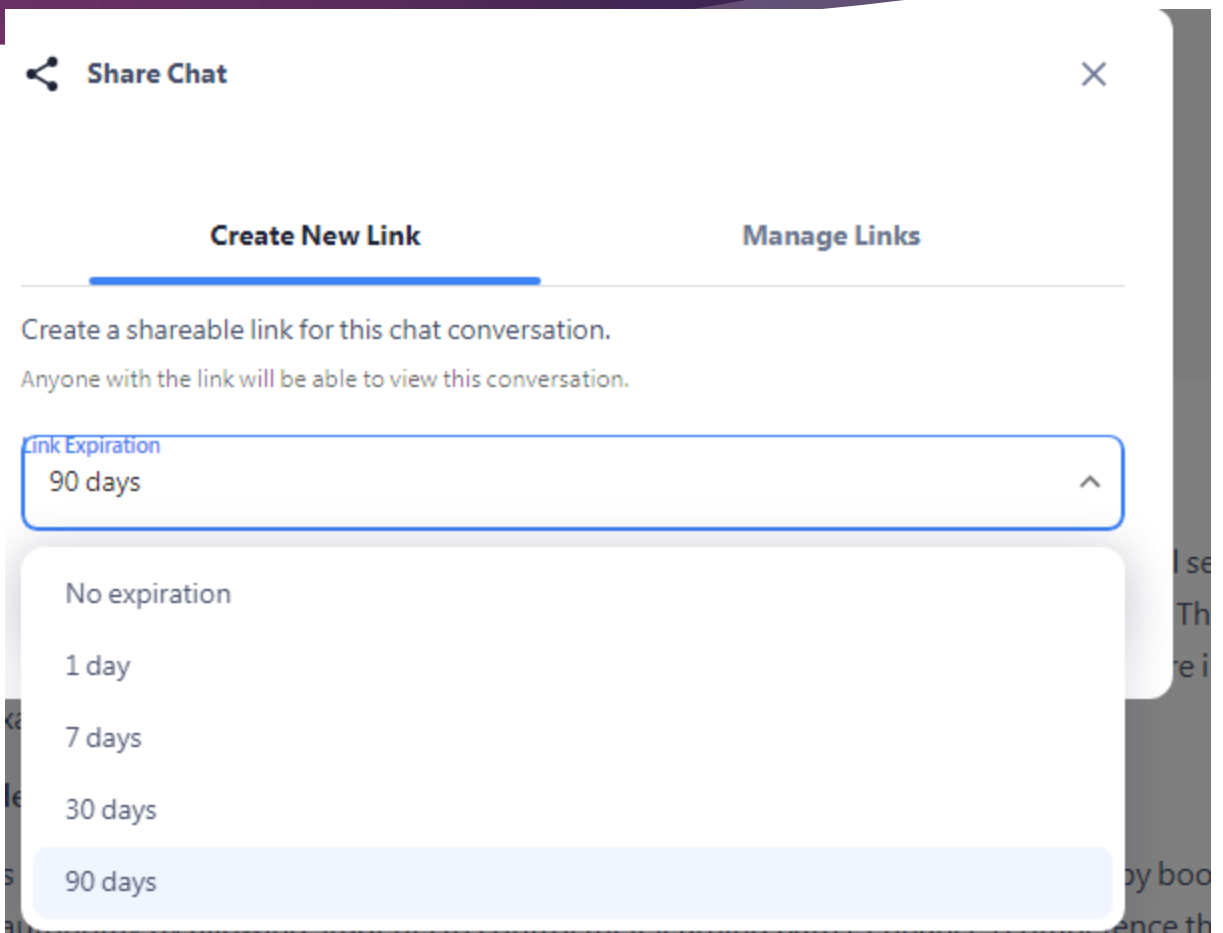
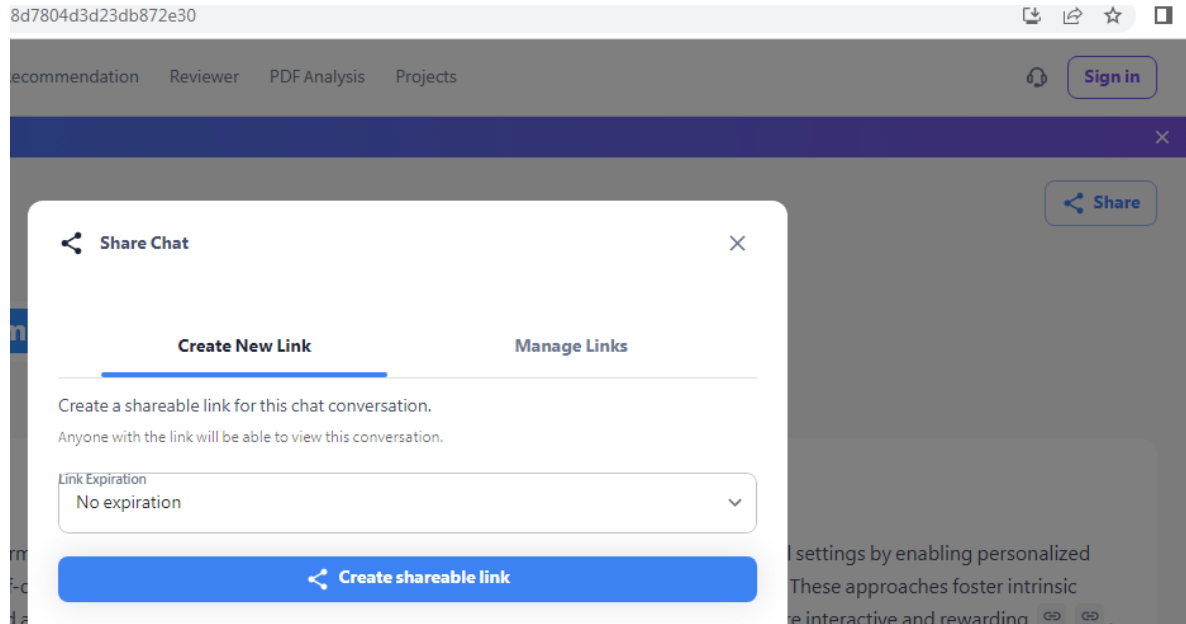
### Sources

- 1 AI-enabled personalized learning: empowering management students for improving...**  
Vilakshan – XIMB Journal of Management  
2-Y Citation Average: 6.114 2024 article  
Citations: 65 References: 55
- 2 The Role and Potential of Artificial Intelligence and Gamification in Education: The Example ...**  
Orclever Proceedings of Research and Development  
2-Y Citation Average: 0.530 2023 article  
Citations: 10 References: 7

Beta  
AI-enabled personalized ... The Role and Potential of ...

08:37 ۲۰۲۵/۲۲/۱۱

# share



# Journal Recommendation Tool

The screenshot shows a web browser window with the URL `app.scinito.ai/plan-check?redirect=%2Frecommendation&feature=journal_recommendation`. The page header includes the SCiNiTO logo and navigation links for Search, AI Chat, Recommendation, Reviewer, PDF Analysis, and Projects. A "Sign in" button is visible in the top right. A blue notification bar at the top of the page reads "Sign in to unlock AI Chat and more features". The main content area features a white card with a lock icon and the following text:

## Journal Recommendation Tool

This feature is not available for free accounts.

This tool helps you find the best scientific journals for your articles.

Enterprise Plan Benefits:

- Smart journal matching
- Impact factor analysis
- Submission guidance

A purple button labeled "Contact Us for Enterprise Access" is positioned below the benefits list. At the bottom of the card, there is a link for "Back to Home". The browser's taskbar at the bottom shows various application icons and the system clock indicating 09:51 on 20/22/11.

# Article Review Tool



## Article Review Tool

This feature is not available for free accounts.

This tool helps you intelligently analyze your articles and receive scientific feedback for improvement.

Enterprise Plan Benefits:

AI-powered feedback

Scientific analysis

Improvement suggestions

[Contact Us for Enterprise Access](#)

# PDF Analysis Tool



## PDF Analysis Tool

This feature is not available for free accounts.

This tool helps you extract and analyze content from PDF documents.

Enterprise Plan Benefits:

Content extraction

Document analysis

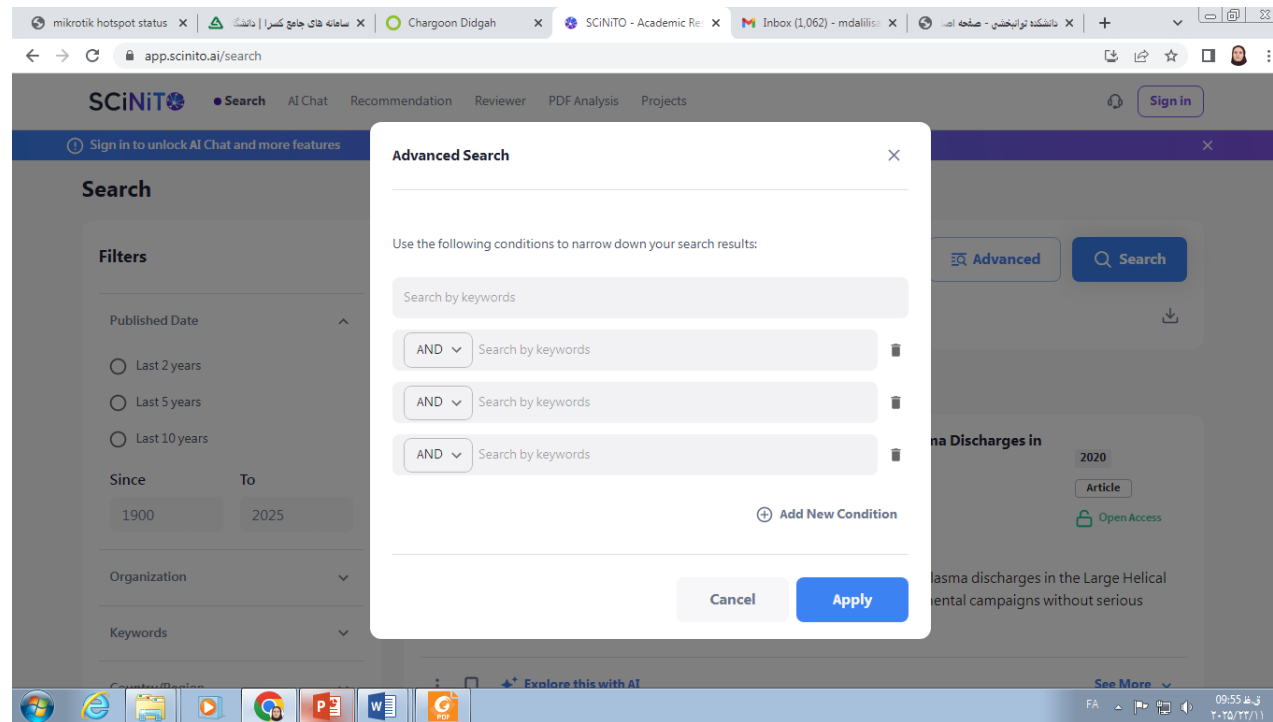
Data insights

[Contact Us for Enterprise Access](#)

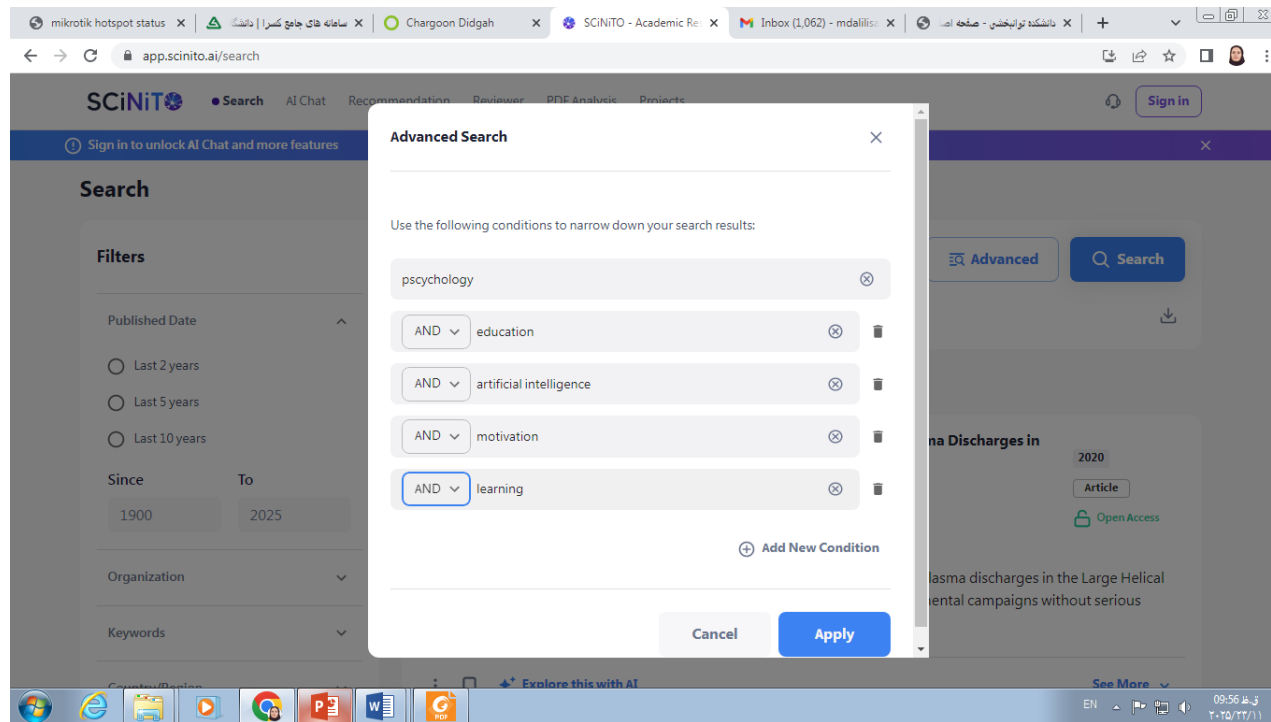
# search

The screenshot displays the SCiNiTO search application interface. At the top, there is a navigation bar with the SCiNiTO logo and menu items: Search, AI Chat, Recommendation, Reviewer, PDF Analysis, and Projects. A 'Sign in' button is located on the right side of the navigation bar. The main content area is titled 'Search' and features a search bar with the text 'Search around 270,000,000 papers from all fields'. To the right of the search bar are buttons for 'Advanced' and 'Search'. Below the search bar, there is a 'Sort: Relevance' dropdown menu. The search results section shows 'Showing 271,320,700 results'. A prominent search result is displayed, titled 'Radiation Resistant Camera System for Monitoring Deuterium Plasma Discharges in the Large Helical Device', published in 2020. The result includes the journal name 'Plasma and Fusion Research' and the author 'Mamoru SHOJI'. A green 'Open Access' icon is visible next to the author information. The abstract text reads: 'Radiation resistant camera system was constructed for monitoring deuterium plasma discharges in the Large Helical Device (LHD). This system has contributed to safe operation during two experimental campaigns without serious problems due to radiation ...'. At the bottom of the result card, there are icons for bookmarking and a link to 'Explore this with AI', along with a 'See More' dropdown menu. The browser's address bar shows the URL 'app.scinito.ai/search'. The Windows taskbar at the bottom of the screen shows various application icons and the system clock indicating the time 09:54 on 20/11/2023.

# Advanced search



# Advanced search





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### A comprehensive approach to the development of thinking skills

1995



[Koers - Bulletin for Christian Scholarship](#)

Article



[G. J. Rossouw, J. C. Lamprecht](#)

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The development of independent and innovative thinking entails much more than merely the acquisition of a series of thinking skills. A comprehensive approach based upon inter-disciplinary cooperation between, among others, the disciplines of philosop...



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### NOVEL JOKOWI SI TUKANG KAYU KARYA GATOTKOCO SUROSO SEBAGAI MATERI AJAR APRESIASI SASTRA DI SMA: KAJIAN PSIKOLOGI SASTRA DAN NILAI KARAKTER

2018



[Basastra Jurnal Bahasa Sastra dan Pengajarannya](#)

Article



[Inung Handarini, Kundharu Saddhono, Atikah Anindyarini](#)

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The purpose of this research is to describe and explain: (1) the characterization of the figures in the novel *Jokowi Si Tukang Kayu* by Gatotkoco Suroso, (2) the inner conflict experienced by the main figure, (3)...

