

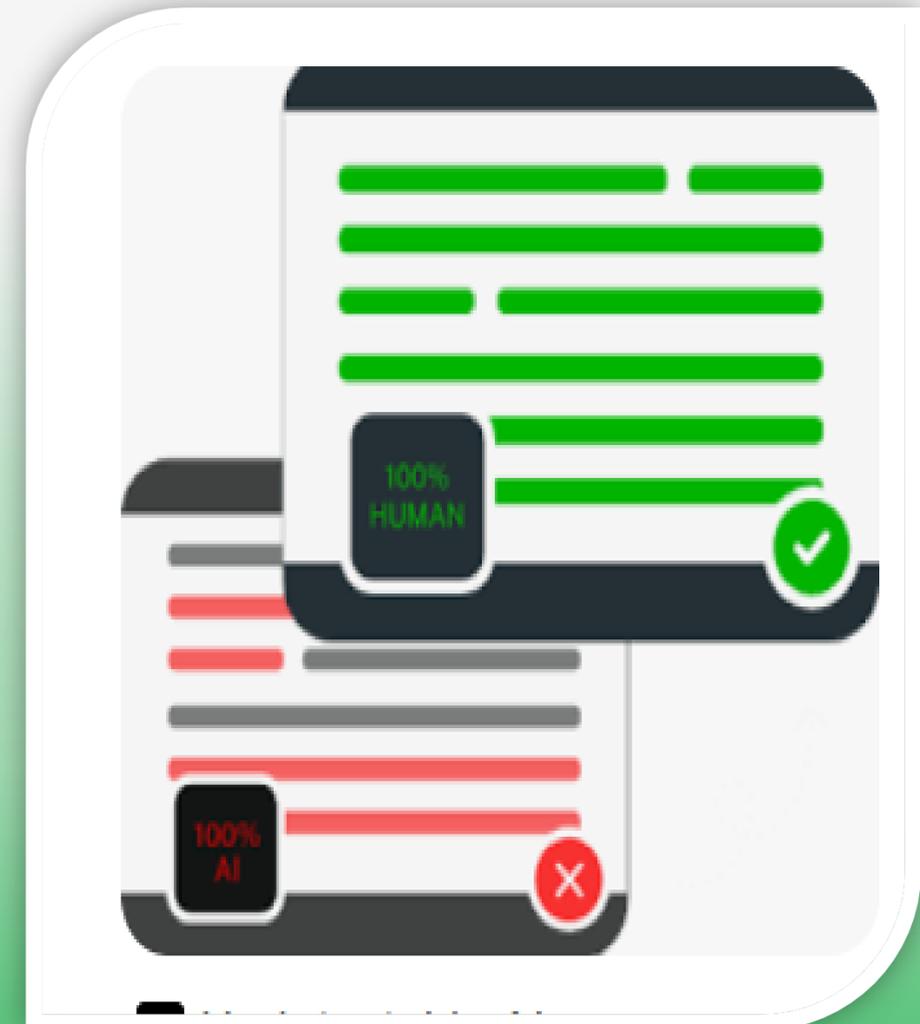
تشخیص، استانداردسازی و بازنویسی متون علمی مبتنی بر

ابزارهای هوش مصنوعی

الهام شریف پور

دکترای کتابداری و اطلاع رسانی پزشکی

دانشگاه علوم پزشکی کرمان



Human deserved truth





View PDF

Download full issue

Outline

Highlights

Abstract

Keywords

Introduction

Methods

Results: the AI six academic domains

AI tools for academic writing and research

Discussion and detailed analysis

Conclusion and recommendations

Declaration on the use of AI in the writing ...

CRediT authorship contribution statement

Declaration of competing interest



Computer Methods and Programs in Biomedicine Update

Volume 5, 2024, 100145



Using artificial intelligence in academic writing and research: An essential productivity tool

Mohamed Khalifa ^{a b c} , Mona Albadawy ^d

Show more

Add to Mendeley Share Cite

<https://doi.org/10.1016/j.cmpbup.2024.100145>

[Get rights and content](#)

[Under a Creative Commons license](#)

Open access

Recommended articles

[Sentiment visualization of correlation of loneliness mapped through socia...](#)

Computer Methods and Programs in Biomedic...
Hurmat Ali Shah, ..., Mowafa Househ

View PDF

[AI in diagnostic imaging: Revolutionising accuracy and...](#)

Computer Methods and Programs in Biomedic...
Mohamed Khalifa, Mona Albadawy

View PDF

[Impact of artificial intelligence adoption on students' academic...](#)

Heliyon, Volume 10, Issue 22, 2024, Article e40...
Muyideen Dele Adewale, ..., Amina Sambo-Maaai

 [View PDF](#)

[Download full issue](#)

Search ScienceDirect



Outline

Highlights

Abstract

Keywords

Introduction

Methods

Results: the AI six academic domains

AI tools for academic writing and resea...

Discussion and detailed analysis

Conclusion and recommendations

Declaration on the use of AI in the writi...

CRedit authorship contribution stateme...

Declaration of competing interest

References

significantly supports academic writing.

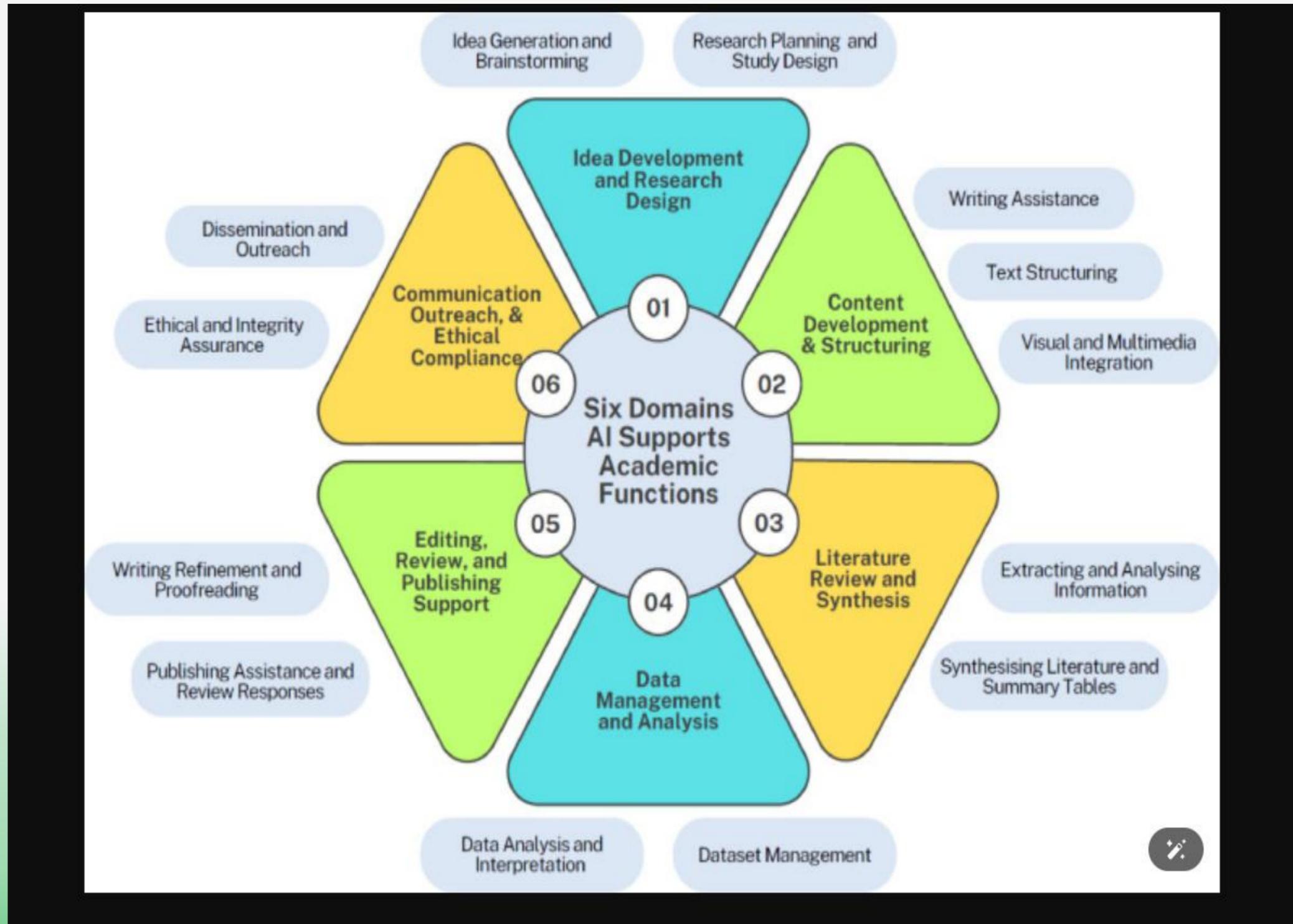
Methods

A systematic review of literature from databases like PubMed, Embase, and Google Scholar, published since 2019, was conducted. Studies were included based on relevance to AI's application in academic writing and research, focusing on writing assistance, grammar improvement, structure optimization, and other related aspects.

Results

The search identified 24 studies through which six core domains were identified where AI helps academic writing and research: 1) facilitating idea generation and research design, 2) improving content and structuring, 3) supporting literature review and synthesis, 4) enhancing data management and analysis, 5) supporting editing, review, and publishing, and 6) assisting in communication, outreach, and ethical compliance. ChatGPT has shown substantial potential in these areas, though challenges like maintaining academic integrity and balancing AI use with human insight remain.

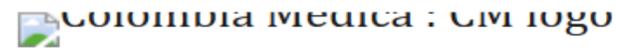
The six domains where AI can improve academic functions.



Domain 5: editing, review, and publishing support

The fifth domain, Editing, Review, and Publishing Support, is integral to the research process, ensuring the clarity, coherence, and quality of academic output. This domain can be broadly categorised into Writing Refinement and Publishing Assistance, each playing a vital role in the journey from manuscript drafting to publication. Writing Refinement involves enhancing the textual quality of manuscripts, where AI tools are increasingly used for proofreading and editing.

AI-driven software like ChatGPT, Grammarly, and Paperpal can correct grammatical errors and improve writing style, especially beneficial for non-native English speakers. These tools help refine the language, making manuscripts clearer and more concise, which is crucial for conveying complex scientific ideas effectively. Additionally, AI can assist in drafting abstracts and summaries, ensuring that the key findings and implications of research are communicated succinctly and accurately.



EDITORIAL ▶ [Colomb Med \(Cali\)](#). 2023 Sep 30;54(3):e1015868. doi: [10.25100/cm.v54i3.5868](https://doi.org/10.25100/cm.v54i3.5868)

Show available content in: [English](#) | [Spanish](#)

View full-text in [Spanish](#)

Chatbots, generative AI, and scholarly manuscripts: WAME recommendations on chatbots and generative artificial intelligence in relation to scholarly publications

[Chris Zielinski](#)^{1,✉}, [Margaret A Winker](#)², [Rakesh Aggarwal](#)³, [Lorraine E Ferris](#)⁴, [Markus Heinemann](#)⁵, [Jose Florencio Lapeña Jr](#)⁶, [Sanjay A Pai](#)⁷, [Edsel Ing](#)⁸, [Leslie Citrome](#)⁹, [Murad Alam](#)¹⁰, [Michael Voight](#)¹¹, [Farrokh Habibzadeh](#)¹²

▶ [Author information](#) ▶ [Article notes](#) ▶ [Copyright and License information](#)

PMCID: PMC10712422 PMID: [38089825](#)

Abstract

This statement revises our earlier “WAME Recommendations on ChatGPT and Chatbots in Relation to Scholarly Publications” (January 20, 2023). The revision reflects the proliferation

” **Cite**

🔖 **Collections**

🔗 **Permalink**

RESOURCES

Similar articles +

Cited by other articles +

Links to NCBI Databases +

ON THIS PAGE

Abstract

[Introduction](#)

[A note on changes introduced since the previous](#)

WAME recommendations on chatbots and generative artificial intelligence in relation to scholarly publication

WAME Recommendation 1

Chatbots cannot be authors. Journals have begun to publish articles in which chatbots such as Bard, Bing and ChatGPT have been used, with some journals listing chatbots as co-authors. The legal status of an author differs from country to country but under most jurisdictions, an author must be a legal person. Chatbots do not meet the International Committee of Medical Journal Editors (ICMJE) authorship criteria, particularly that of being able to give “final approval of the version to be published” and “to be accountable for all aspects of the work in ensuring that questions related to the accuracy or integrity of any part of the work are appropriately investigated and resolved” ¹⁰. No AI tool can “understand” a conflict-of-interest statement and does not have the legal standing to sign a statement. Chatbots have no affiliation independent of their developers. Since authors submitting a manuscript must ensure that all those named as authors meet the authorship criteria, chatbots cannot be included as authors.

WAME Recommendation 2

ON THIS PAGE

[Abstract](#)

[Introduction](#)

[A note on changes introduced since the previous WAME Recommendations](#)

[WAME recommendations on chatbots and generative artificial intelligence in relation to scholarly publication](#)

[Notes:](#)

[References](#)

[Recomendaciones de WAME sobre “chatbots” e inteligencia artificial generativa en relación con las publicaciones académicas](#)



WAME Recommendation 2

Authors should be transparent when chatbots are used and provide information about how they were used. The extent and type of use of chatbots in journal publications should be indicated. This is consistent with the ICMJE recommendation of acknowledging writing assistance [11](#) and providing in the Methods detailed information about how the study was conducted and the results generated [12](#).

WAME Recommendations 2.1

Authors submitting a paper in which a chatbot/AI was used to draft new text should note such use in the acknowledgment; all prompts used to generate new text, or to convert text or text prompts into tables or illustrations, should be specified.

WAME Recommendation 2.2

When an AI tool such as a chatbot is used to carry out or generate analytical work, help report results (*e.g.* , generating tables or figures), or write computer codes, this should be stated in the body of the paper, in both the Abstract and the Methods section. In the interests of enabling scientific scrutiny, including replication and identifying falsification, the full

ON THIS PAGE

[Abstract](#)

[Introduction](#)

[A note on changes introduced since the previous WAME Recommendations](#)

WAME recommendations on chatbots and generative artificial intelligence in relation to scholarly publication

[Notes:](#)

[References](#)

[Recomendaciones de WAME sobre “chatbots” e inteligencia artificial generativa en relación con las publicaciones académicas](#)



<https://www.wame.org/news-details.php?nid=40>

← → ↻ wame.org/news-details.php?nid=40 ☆ 📄 E

🏠 HOME > News > WAME Revised Recommendations on Chatbots and Generative AI

WAME Revised Recommendations on Chatbots and Generative AI

October 25, 2023

New revised WAME Recommendations: [Chatbots, Generative AI, and Scholarly Manuscripts](#): WAME Recommendations on Chatbots and Generative Artificial Intelligence in Relation to Scholarly Publications

Other News

- ▶ WAME BOARD MEMBERS COAUTHOR MULTI-JOURNAL EDITORIAL "ENDING NUCLEAR WEAPONS, BEFORE THEY END US"
- ▶ WORLD ASSOCIATION OF MEDICAL EDITORS ANNOUNCES FREE ELEARNING PROGRAM
- ▶ WAME MANUSCRIPT SUBMISSION CHECKLIST
- ▶ COPE: GUEST EDITED COLLECTIONS BEST PRACTICE
- ▶ WAME REVISED RECOMMENDATIONS ON CHATBOTS AND GENERATIVE AI

Recommendations

Browse

- About the Recommendations
- Roles & Responsibilities
 - Defining the Role of Authors and Contributors
 - Disclosure of Financial and Non-Financial Relationships and Activities, and Conflicts of Interest
 - Responsibilities in the Submission and Peer-Review Process
 - Journal Owners and Editorial Freedom
 - Protection of Research Participants
- Publishing & Editorial Issues

Home > Recommendations > Browse > Roles & Responsibilities > Defining the Role of Authors and Contributors

Defining the Role of Authors and Contributors

PAGE CONTENTS

1. Why Authorship Matters
2. Who Is an Author?
3. Non-Author Contributors
4. Artificial Intelligence (AI)-Assisted Technology

1. Why Authorship Matters

Authorship confers credit and has important academic, social, and financial implications. Authorship also implies responsibility and accountability for published work. The following recommendations are intended to ensure that contributors who have made substantive intellectual contributions to a paper are given credit as authors, but also that contributors credited as authors understand their role in taking responsibility and being accountable for what is published.

acknowledged individuals.

Use of AI for writing assistance should be reported in the acknowledgment section.

4. Artificial Intelligence (AI)-Assisted Technology

At submission, the journal should require authors to disclose whether they used artificial intelligence (AI)-assisted technologies (such as Large Language Models [LLMs], chatbots, or image creators) in the production of submitted work. Authors who use such technology should describe, in both the cover letter and the submitted work in the appropriate section if applicable, how they used it. For example, if AI was used for writing assistance, describe this in the acknowledgment section (see Section II.A.3). If AI was used for data collection, analysis, or figure generation, authors should describe this use in the methods (see Section IV.A.3.d). Chatbots (such as ChatGPT) should not be listed as authors because they cannot be responsible for the accuracy, integrity, and originality of the work, and these responsibilities are required for authorship (see Section II.A.1). Therefore, humans are responsible for any submitted material that included the use of AI-assisted technologies. Authors should carefully review and edit the result because AI can generate authoritative-sounding output that can be incorrect, incomplete, or biased. Authors should not list AI and AI-assisted technologies as an author or co-author, nor cite AI as an author. Authors should be able to assert that there is no plagiarism in their paper, including in text and images produced by the AI. Humans must ensure there is appropriate attribution of all quoted material, including full citations.

NEXT: Disclosure of Financial and Non-Financial Relationships and Activities, and Conflicts of Interest

عمده ترین تفاوت های متون تولید شده توسط AI در مقابل متون تولید شده توسط انسان

متون AI معمولاً نسبت به نوشتار انسانی:

- ❖ دارای ساختارهای بیش از حد منظم
- ❖ الگوهای تکراری و کلیشه‌ای
- ❖ ارجاعات اشتباه یا ساختگی
- ❖ استفاده بیش از حد از ساختارهای استاندارد و قالبی
- ❖ کمتر دارای عمق تحلیلی و جزئیات معنایی عمیق هستند

نکات مهم در انسانیزه کردن متون علمی

۱. **حفظ نقش انسان در چرخه نوشتن اصل:** انسان باید در مراحل کلیدی نوشتار علمی (ایده‌پردازی، تحلیل، جمع‌بندی و نتیجه‌گیری) حضور داشته باشد تا متن نه فقط از لحاظ لغوی به نظر انسان آسان باشد، بلکه از لحاظ عمق تحلیلی و اعتبار علمی نیز معتبر باشد.

۲- استفاده از AI برای کمک در ساختاردهی، نه جایگزینی تحلیل انسانی

۳- افزایش تنوع واژگان و سبک‌های زبانی انسانی

۴- تمرکز بر اصالت علمی و صحت محتوا

اصل: انسانی‌سازی متن به معنای حفظ تعهد به صحت علمی، استناد دقیق، و بازتاب دقیق نتایج پژوهش است. AI به تنهایی ممکن است اطلاعات را به صورت عمومی یا سطحی ارائه دهد، که برای متون علمی کافی نیست.

۵- خوانایی:

متن علمی باید هم از نظر ساختار علمی و هم از منظر خوانایی انسانی تنظیم شود. یعنی استفاده از جملات طبیعی، تنوع طول جمله، وضوح ارتباط بین بخش‌ها و اصطلاحات متناسب با زمینه رشته. AI ممکن است جملات طولانی و بیش‌منظم‌تر تولید کند و این با خوانایی انسانی مطابقت کامل ندارد.

Popular AI detectors and Humanizers



<https://quillbot.com/ai-humanizer>

The screenshot shows the QuillBot AI Humanizer web interface. At the top, the browser address bar displays the URL quillbot.com/ai-humanizer. The QuillBot logo is on the left, and navigation links for Tools, Professional, Academic, Creators, Personal, and Extensions & apps are in the center. On the right, there are buttons for 'Ask AI' and 'Upgrade to Premium'. Below the navigation, a language selector shows 'English (US)' selected, with options for French, Spanish, German, and All. The 'Modes' section has 'Basic' selected over 'Advanced'. The main text area contains the instruction: 'Enter or paste your text here and click Humanize to Humanize AI text.' Below this are two buttons: 'Try Sample Text' and 'Paste Text'. At the bottom left is an 'Upload Doc' button, and at the bottom right is a large green 'Humanize' button. A vertical sidebar on the right contains various utility icons like a book, a refresh button, a search icon, a grid icon, a smiley face, a gear, a chat bubble, and a keyboard icon.

<https://gptzero.me/hallucination-detector>

Hallucination Detector for Quality Information.

Use our reliable source checker and AI reference finder to quickly find sources from text, essays, or research papers. A simple way for students, educators, and researchers to provide citations and evidence for their work.

99%
Accuracy

10 million
Users

380k
Educators

 [Add to Google Docs - it's free!](#) 

 AI Detector

 **Hallucination Detector**

Paste your text or [Upload files](#) 

Try an example: [AI generated sources](#) [Human generated sources](#)

0/10,000 characters

 Upgrade

 Privacy Guarantee

Detect 



The screenshot displays the GPTZero AI Detection web application. The browser address bar shows the URL `app.gptzero.me`. The main content area contains a text snippet about COVID-19, which has been analyzed. The analysis results are shown in a right-hand panel under the heading "Advanced Scan".

Advanced Scan
Give feedback

Mixed

GPTZero AI Detection Model 3.14b

Lightly edited by AI

We are highly confident this text was originally human written and polished by AI

This is a **BETA** feature. [Send us your feedback.](#)

Probability breakdown

0% AI generated	100% Mixed
0% Human	

Scan to update results
1,386 characters 197 words

Scan →

At the bottom of the interface, there are controls for text editing: a "Copy" button, a font size selector (12), and a "Correct grammar" toggle switch which is currently turned on.

<https://gptzero.me/hallucination-detector>

Hallucination Detector for Quality Information.

Use our reliable source checker and AI reference finder to quickly find sources from text, essays, or research papers. A simple way for students, educators, and researchers to provide citations and evidence for their work.

99% Accuracy | 10 million Users | 380k Educators

Add to Google Docs - it's free!

AI Detector | **Hallucination Detector**

The Impact of Technology on Education

The integration of technology in education has revolutionized traditional teaching and learning methods, enhancing accessibility, engagement, and personalized learning experiences. While it has introduced new opportunities for students and educators alike, it has also raised concerns about equity, attention spans, and the changing role of teachers.

Try an example: AI generated sources | Human generated sources

4,491/10,000 characters

Upgrade | Privacy Guarantee | Detect →



The screenshot displays the GPTZero web application interface. The browser address bar shows `app.gptzero.me`. The main document area is titled "The Impact of Te..." and is marked as "Saved". The document content discusses the impact of technology on education, mentioning accessibility, engagement, and personalized learning. A sidebar on the right, titled "Hallucination Detector", shows a progress indicator for "Citation Verification" with 5/8 citations verified. The verified citations include:

- Ertmer, P. A., & Ottenbreit-Leftwich, A. T. (2010). Teacher technology change: How knowledge,...
- Kay, R. H., Leung, S., & Tang, H. (2017). Technology use in the classroom: Analyzing...
- Means, B., Toyama, Y., Murphy, R., Bakia, M., & Jones, K. (2014). The effectiveness of online an...

The interface also features a navigation menu on the left with options like "New", "Home", "Documents", "AI Review", and "Add to Google Docs". A top navigation bar includes an "Upgrade to Premium" button and a credit balance of "9K credits of 10K remaining".

<https://monica.im/home/chat>

The screenshot displays the Monica AI chat interface. At the top, a browser address bar shows the URL monica.im/home/chat. The interface is divided into three main sections:

- Left Sidebar:** Contains the 'Monica' logo, navigation options for 'Chat', 'Image', and 'Video', a 'Flash Sale, Save 33%' promotion with a list of features (Unlimited GPT-4o, Webpage Summary, ChatPDF & Web Access), and a 'Refer & earn' section with links for 'WhatsApp & more' and 'Desktop & mobile'.
- Search and Bot List:** A search bar labeled 'Search bots or chats' is positioned above a list of bots including 'Monica', 'Gemini 3 Pro', 'GPT-5.1', 'GPT-5', and 'Google Nano Banana'. A 'Recent' section follows, listing previous conversations such as 'Gaps in Training and Leader...', 'Older', 'سلام', 'یوسف نغانی و همکاران 2023', 'سی ماندگاری اطلاعات نادرست', and 'نقش منابع غیرمعتبر در انتشار ا...'.
- Main Chat Area:** Features a large 'Welcome 🤝' message. Below it are two primary tool categories: 'Tools' (with sub-options: Write, Grammar checker, Translate, AI Detector, ChatPDF, Mindmap, Search, Bots) and 'Image' (with sub-options: Image generator, Video generator, Design tool). A secondary row of tools includes Translate, Calendar, Document, Mindmap, Mermaid, Form, Artifacts, and All. At the bottom, there is a chat input field with the placeholder 'Ask me anything...', a bot selection dropdown set to 'Monica', and a status bar showing 'GPT-4o' and 'Web' models with toggle switches, along with an 'Upgrade' button.

<https://monica.im/home/chat>

Monica

Chat

Image

Video

Flash Sale, Save 33%

- ✓ Unlimited GPT-4o
- ✓ Webpage Summary
- ✓ ChatPDF & Web Access

[Upgrade Now](#)

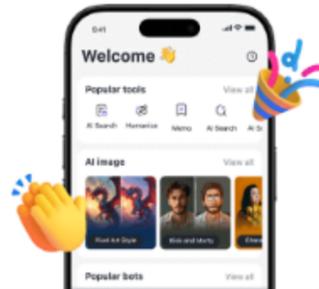
Refer & earn

WhatsApp & more

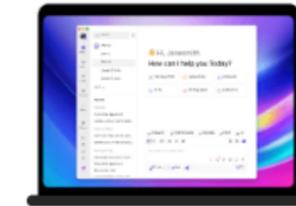
Desktop & mobile

Discover

Monica app
Your AI assistant,
always at hand
[Download](#)



Monica desktop
Full control,
desktop power
[Download](#)



Tools



Write



Grammar checker



Translate



AI Detector



ChatPDF



Mindmap



Search



Bots



Read



Memo



AI Humanizer



Toolbox



Writing Agent



Sheet filler



Podcast



Form

What's new in Monica

Smart Calendar
Schedule through chat

PowerUP
Enhance any webpage with AI

Writing assistant
Write a post or email
in 3 seconds.

AI detector
Is it AI?
Detector knows.

<https://monica.im/home/chat>

Sample: [ChatGPT](#) [Human](#) [AI + Human](#)

During COVID-19 peaks, surges in patient volume, especially critically ill patients needing ICU care and respiratory support, stressed healthcare resources further. Medical staff experienced high psychological distress due to workload, infection risk, and personal losses (5, 6). Consequently, many patients were discharged earlier than medically optimal, resulting in increased readmissions (7). Studies have shown that these patients were readmitted to the hospital after some time (8). Policymakers responded by increasing hospital and ICU bed capacity. Although hospital activities slowed during non-peak periods, many hospitals remained burdened by backlogs of postponed elective surgeries and routine medical procedures that had been suspended during the peak times of the pandemic. (9).

108/250 words

[Check for AI](#)

The output content seems to be AI-generated.
 2 detectors are locked. Upgrade to check.
[Unlock all detectors and bypass](#)

Checking result:

ZeroGPT ? 50 GPTZero Copyleaks

Human written ? 50% human written AI generated

Try AI Humanizer of Monica
Create undetectable AI content [Humanize AI Text](#)

<https://monica.im/home/chat>

The screenshot shows the Monica AI content detector tool interface. The browser address bar displays `monica.im/tools/ai-content-detector`. The navigation menu includes **Monica**, **English** (with a dropdown arrow), **Products**, **Learning Center**, **Desktop Apps**, **Pricing**, **For Developers**, and **Resources**. The user profile is **Elham Sharifpoor** with a **Web App** button. The interface is split into two main sections: **Your Content** and **Result**.

Your Content section shows a text input area with a trash icon, a word count of **0/500 words**, and a **Get more** button. The text input contains a paragraph about COVID-19 impacts on healthcare. At the bottom of this section, there is a **108/250 words** counter, a **Check for AI** button, and a **Humanize** button.

Result section shows the output of the AI detector, which is a copy of the input text. It includes a word count of **112 words**, a refresh icon, a copy icon, and a **Check for AI** button.

<https://chatgpt.com/>

The screenshot displays the ChatGPT web interface. At the top, the browser's address bar shows the URL <https://chatgpt.com/>. The interface is divided into a left sidebar and a main chat area. The sidebar contains navigation options: 'New chat', 'Search chats', 'Library', 'Projects', 'GPTs', 'Explore', 'Humanize AI Text', 'AI Humanizer', and '5'. Under 'Your chats', there are entries for 'Draw meaning of text' and 'ترجمه فارسی متن'. At the bottom of the sidebar, the user's profile 'Elham Sharifp...' is shown with a 'Free' status and an 'Upgrade' button. The main chat area features the OpenAI logo, a 'ChatGPT' dropdown menu, a 'Get Plus' button, and a large text prompt: 'Ready when you are.'. Below this is a text input field with the placeholder text '+ Ask anything' and icons for voice input and a microphone. The top right corner of the chat area includes icons for user profile, refresh, and a settings menu.



New chat

Search chats

Library

Projects

GPTs

Explore

B Humanize AI Text

AI Humanizer

5

Your chats

Draw meaning of text

ترجمه فارسی متن

ES Elham Sharifp...
Free

Upgrade

Humanize AI Text 5.2

Get Plus



Humanize AI Text

By bypassgpt.ai

Add a personal touch to your AI content with Humanize AI Text, your digital tool for infusing AI-generated text with a human-like feel.

Could you help humanize my article?

Please paste the AI text to humanize

+ Ask anything



<https://plagiarism.ref-n-write.com/>



[Sign Up](#)

Plagiarism & AI content detector

[Ref-n-Write App \(Word plugin\)](#) checks local files only. Use the tool below for a full plagiarism report.

[SAMPLE REPORT](#)

[I HAVE A LICENSE](#)

[CONTINUE AS GUEST](#)

Drag & Drop to Upload File

OR

[Browse File](#)



Ref-n-Write plagiarism checker is powered by Copyleaks, a leader in plagiarism prevention



Access to over 60 trillion web pages and 10 million documents

[Chat with us](#) 🙌



Your writing stays private — No other plagiarism checker will see your text.

<https://www.deepl.com/en/write>

The screenshot shows the DeepL Write web interface. At the top, there is a navigation bar with links for Products, Solutions, Pricing, and Apps. A 'Start free trial' button is visible in the top right corner. The main content area is divided into two sections: a text editor on the left and a sidebar on the right. The text editor contains a paragraph of text about COVID-19 peaks and patient volume. The sidebar on the right contains editing tools such as 'Corrections only', 'Styles' (set to Academic), 'Show changes', and 'Customizations' (including 'Style rules' and 'Terms'). The bottom of the interface shows a character count of 555 / 2000.

Products **New** Solutions Pricing Apps

English (British) ↕

During COVID-19 peaks, surges in patient volume, especially critically ill patients needing ICU care and respiratory support, stressed healthcare resources further. Medical staff experienced high psychological distress due to workload, infection risk, and personal losses (5, 6). Consequently, many patients were discharged earlier than medically optimal, resulting in increased readmissions (7). Studies have shown that these patients were readmitted to the hospital after some time (8). Policymakers responded by increasing hospital and ICU bed capacity

Editing tools

- Corrections only
- Styles Academic
- Show changes

Customizations

- Style rules **Pro**
- Terms

555 / 2000

DeepL Translator
DeepL Write
Customization hub

During periods of peak demand for healthcare services due to surges in patient volume, particularly those requiring intensive care and respiratory support, the system experienced further strain. It has been demonstrated that medical personnel frequently experience elevated levels of psychological distress, largely attributable to their exposure to onerous workloads, the inherent risk of infection, and the personal losses they encounter (5, 6). Consequently, a significant number of patients were discharged prior to the achievement of medical excellence, thus giving rise to an increase in readmissions (7). Research has indicated that these patients were readmitted to the hospital after a certain period (8). In order to address the challenges posed by the pandemic, policymakers implemented measures to enhance the capacity of hospital and intensive care unit beds

Editing tools

- Corrections only
- Styles Academic
- Show changes

Customizations

- Style rules Pro
- Terms

