

Harnessing Artificial Intelligence in Academic Writing: Potential, Ethics, and Responsible Use

Yaşar Kemal Duymaz¹ , Ahmet Mahmut Tekin^{2,3} 

¹ Department of Otolaryngology, University of Health Sciences, Umraniye Training and Research Hospital, Istanbul, Türkiye

² Department of Otolaryngology, Vrije Universiteit, Brussel, Belgium

³ HNO-Zentrum PoliMed Caglan GmbH, Oberhausen, Germany

Received: 2023-08-04

Accepted: 2023-08-05

Published Online: 2023-08-07

Correspondence

Ahmet M. Tekin, MD

Address: Department of Otolaryngology and Head & Neck Surgery, Vrije Universiteit Brussel (VUB), Brussels Health Campus, Belgium

E-mail: drtekinahmet@gmail.com

Dear Editors,

I read your editorials with interest [1,2]. Artificial intelligence has become increasingly popular in recent years. Moreover, it is seen that valuable comments made on the article focus on issues such as potential harms in the academic use of artificial intelligence, publication ethics, and the ontological position of artificial intelligence [3-6].

As with other technological developments in our life, artificial intelligence seems to be increasingly present in our lives [7]. The use of artificial intelligence in article writing is a current topic of discussion. Writing an article from scratch with artificial intelligence doesn't seem quite right. The fact that artificial intelligence doesn't have an entirely independent thought structure, and that it obtains its information only based on the web, could lead to plagiarism. Also, it will not be fully understood whether it provides correct references and whether it violates the privacy of personal data. Furthermore, we do not find it correct to accept it as a co-author. Authorship carries a responsibility that an AI tool, no matter how advanced, cannot bear. Conversely, artificial intelligence will be incapable of assuming responsibility. So, should we stay away from artificial intelligence in this case? We believe the answer to this question is no. We can use artificial intelligence while writing an article, and it can facilitate our work. Finding a title after writing the article is an important issue. It must be impressive, and some journals have a character or word limit for the title. Artificial intelligence can help us in finding a title. Artificial intelligence can also assist in creating an abstract. Each journal has different rules about the abstract section. When rejected from one journal, it's necessary to create a new abstract for another journal. Artificial intelligence can speed up this process. When the article is ready, it needs to be checked for grammar and spelling rules. Artificial intelligence will be very useful in this situation. Preparing a good cover letter is important to attract the editor's attention. Artificial intelligence will assist in writing the cover letter. Although we think that artificial intelligence cannot be a co-author and cannot be used to write an article from scratch, we believe that we can benefit from artificial intelligence while writing our article. Using artificial intelligence will save us time. It will also help us write higher quality articles.



This work is licensed under a Creative Commons Attribution-NonCommercial 4.0 International License.

In conclusion, artificial intelligence is now a part of our lives. Instead of avoiding it, we believe that we need to take advantage of artificial intelligence in a way that will facilitate our work.

Sincerely yours,

Acknowledgment: None

Conflict of Interest: No conflict of interest. No financial support was received.

REFERENCES

- [1] Balat A, Bahşi İ (2023) May Artificial Intelligence Be a Co-Author on an Academic Paper? Eur J Ther 29(3):e12-e13. <https://doi.org/10.58600/eurjther1688>
- [2] Balat A, Bahşi İ (2023) We Asked ChatGPT About the Co-Authorship of Artificial Intelligence in Scientific Papers. Eur J Ther 29(3):e16-e19. <https://doi.org/10.58600/eurjther1719>
- [3] Yıldız, A. (2023). AI as a Co-Author? We Should Also Ask Philosophical (and Ethical) Questions. Eur J Ther. <https://doi.org/10.58600/eurjther1723>
- [4] İmre, O. (2023). Artificial Intelligence and Article Writing. Eur J Ther. <https://doi.org/10.58600/eurjther1706>
- [5] Balel, Y. (2023). The Role of Artificial Intelligence in Academic Paper Writing and Its Potential as a Co-Author: Letter to the Editor. Eur J Ther. <https://doi.org/10.58600/eurjther1691>
- [6] Grillo R (2023) The Rising Tide of Artificial Intelligence in Scientific Journals: A Profound Shift in Research Landscape. Eur J Ther. <https://doi.org/10.58600/eurjther1735>
- [7] Habal MB (2023) AI: An Evolution or A Revolution, A Trend or Hype, Just Timeline Buzz Words? the New Wave That is Affecting us All From Medical Practice To the Information Technology World. J Craniofac Surg 34:1363-1364. <https://doi.org/10.1097/SCS.00000000000009498>

How to Cite;

Duymaz YK, Tekin AM (2024) Harnessing Artificial Intelligence in Academic Writing: Potential, Ethics, and Responsible Use. Eur J Ther. 30(1):87-88. <https://doi.org/10.58600/eurjther1755>