

# Artificial Intelligence, Control of Scientific Articles in Pre- and Postpublication Process

Dear Editor,

As mentioned by Surandeep *et al.*, there is a possible role of artificial intelligence (AI) in teaching.<sup>[1]</sup> The role of AI in teaching students is confirmed. In fact, the introduction of AI in recent years has had a major impact on a variety of industries, including scientific publishing. The application of AI in the control and administration of scientific articles during both the pre- and postpublication phases has sparked considerable interest and discussion. In this essay, we will look at the implications of AI in scientific publishing and make ideas for improving the response phase. First and foremost, the question of AI authorship must be addressed. While there has been ongoing discussion about the possibilities of AI-generated articles, it is critical that this topic be removed from the discussion. This topic has previously been fully covered in numerous publications, making it a noncontribution to the current literature. We can focus on other crucial aspects of AI's function in scientific article control if we remove this distraction.

Moving on, consider the reaction phase of publication, when AI can be really useful. While acknowledging the importance of this phase is important, we must also provide concrete advice to maximize its success. This phase includes the review process, responding to reviewers' remarks, and verifying the final published article's quality and accuracy.

In addition to the reaction phase, AI can assist in the postpublication process. To track the impact and reception of published works, AI-driven tools can track citations, social media mentions, and other relevant metrics. This information can help with the identification of potential partnerships and interdisciplinary ties, as well as understanding the effect and scope of research. Despite the fact that AI may considerably improve the management and supervision of scientific articles, human oversight and discretion are still required. Authors and editors can benefit from the sentiment and relevancy of these comments, which can be assessed using natural language processing algorithms.

We can improve the effectiveness, caliber, and impact of scientific publications by concentrating on crucial elements such as the reaction phase and utilizing AI technologies. However, to maintain the integrity and moral norms of scientific study, vigilance must be exercised and human oversight must be maintained.<sup>[2,3]</sup> The updated on ethical

guidelines to correspond to the widely used AI technology at present is a needful issue.

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## Conflicts of interest

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