



Description

Academics understand the importance of publishing their work. Publications help researchers spread their ideas and gain recognition in their field. What some might not see is that there is a complex process that goes into publishing a paper. One essential aspect of [the publishing process](#) is peer review: the examination of manuscripts by other researchers and academics. Peer reviewers are responsible for the critical reading of a submitted manuscript. After this critical reading, the reviewer then suggests if the manuscript [should be accepted or rejected](#).

A promotional graphic for Enago Academy. It features the Enago Academy logo at the top left. The main title is 'Peer Review Through Ages!' followed by the subtitle 'A BRIEF HISTORY OF PEER REVIEW'. Below this, there is a section titled 'Key Highlights' with a bulleted list: 'Milestones of the peer review process', 'How peer review process improves research quality', 'How peer review process has advanced', and 'New peer review models that help maintain research integrity'. At the bottom, it says 'Download your FREE copy now!'. On the right side, there is an illustration of a person in a red shirt standing next to a large document, using a magnifying glass to inspect it. The background is a light gray with a faint image of a person in a white lab coat.

The importance of peer review cannot be understated. Without this critical process, the validity of studies and ideas would be viewed with skepticism. However, there are concerns associated with the peer review process as well. For example, there are some costs [associated with the peer review process](#). In addition, the peer review process is very time-consuming and uses a lot of resources.

BMC Biology's Portable Peer Review Policy

The Portable Peer Review Policy at BMC Biology [contains two main points](#). First, they offer a transfer program for submitted manuscripts that BMC Biology will not publish. The editors will suggest one or

more of the BMC journals that is better suited to review and potentially publish the manuscript. During this transfer process, authors will have the opportunity to revise and update their submitted manuscript. Second, for reviewed papers, BMC Biology offers the possibility to pass on reviews and reviewer identities to editors of the other journals. The journal's Transfers Desk runs the process. This is a service that aims to easily move the manuscript to its destination journal.

How Does Portable Peer Review Work?

Portable peer review works on the idea that in case a journal rejects a manuscript, it sends the peer review reports to other publications. Consequently, other reviewers and editors will use these reports. The benefits of the portable peer review process will remain under discussion and debate. BMC Biology was the first journal to enact a formal portable peer review policy. Its chief editor, Dr. Mirna Kvafo, feels that this process will [free up a lot of time for researchers](#) who are busy with teaching and other responsibilities.

There are three main benefits to consider:

Time

The average reviewing time is 80 days per paper. With a more transparent approach to peer review, the portable peer review process [can significantly decrease](#) the time for the review of submissions.

An Open Network

The transfer of reviews within journals made several networks within the publishing community. For example, in 2008, the Neuroscience Peer Review Consortium came into being.

Increased Peer Review Services

Authors now have more autonomy during the publication process. They can use the services of companies to take their reviewer reports with them as they look for an appropriate journal for their manuscript.

The Continued Importance of Peer Review

The process of peer review is constantly evolving. In a report done in collaboration with Digital Science, BMC offers [two key suggestions for peer review](#) in the coming decade.

- Experiment with different and new models of peer review, particularly those that increase transparency
- Work towards cross-publisher solutions that improve efficiency and benefit all stakeholders. Portable peer review has not taken off at any scale, but could make the publishing process more efficient for all involved.

What are your experiences with the peer review process? How do you feel portable peer review can be

beneficial in the future to both authors and journals? Please share with us in the comments.

Category

1. Publishing Research
2. Understanding Reviews

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