

Editorial

Bias in Science Arbitration: An Authorship Viewpoint

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Editorial

The objective of this article was to discuss the potential bias in arbitration of unknown researchers' scientific work in reputable journals. Publishing an article in a quality international journal is a dream that global graduate students would have. Some institutions would oblige graduate students to publish at least one article in an impactful journal before they can graduate. However, students' efforts might lead to failure and make them disappointed. The lack of inadequacy of experience in writing scientific papers despite conducting quality research may be a sound reason for failure in timely publication. In addition, however, a major bias in arbitrating unknown authors' science may be another reason for rejection. The second reason or challenge requires profound contemplation to be overcome. The global science is integrated and thus should be adjudicated in a fair and unbiased global scale regardless of authors' names and institutions. To conclude, the novel content of a scientific work and not the authors' or institutions' reputation, must be of original importance in accepting scientific articles. Education will play pivotal roles in minimizing bias in global science arbitration.

Keywords: Article; Arbitration; Referee; Science; Industry

In this article, we aimed to discuss the possible bias that may occur against new researchers in arbitrating their scientific articles for publication in quality journals. It is known that establishing an integrated international education system is a necessity for modern human life to realize an advancing improvement [1]. The global economy can be empowered by an integrated education system across the world [2]. Such integrated education systems include many aspects of science education such as learning and practicing novel scientific concepts, techniques, research methods and ultimately publishing scientific manuscripts. It is important

to note that performing thesis by graduate students, mainly by doctoral mentees, is considered as a major body of research worldwide. These research experiments are assumed to work as engines that drive and advance new science. To accomplish this goal timely, the outcome of scientific research should be shared with others optimally so that it can flourish. However, in some cases, rising young and unknown authors may fail to publish their valuable findings in quality journals because of various reasons. The lack of experience in preparing optimal scientific manuscripts is one of the most common reasons. However, such a poverty can be improved by repeatedly revising articles and gaining experience over time.

We contemplate that offering positive viewpoints for articles with a potential for publication would encourage young researchers to continue their scientific direction more enthusiastically, energetically and thus, productively. Hence, quality works and valuable findings should not be ignored simply because of lack of experience in writing. Coupled with this reason, bias in arbitration of scientific articles against unknown authors or their institutions appears to be a major global challenge. It seems that articles written by unknown and beginning researchers may be scrutinized too seriously. As a result, it is more likely to find errors and deficiencies towards rejection of relatively new researchers' manuscripts. This potential bias may be particularly seen in arbitration of new science authored by researchers from developing countries. To overcome this challenge, for instance, some

unknown authors try to gain cooperation from reputable authors (even from other countries) and include big names in the authors' list to ease publication.

The principle is that the true and unbiased judgment of any science must be mainly made based on the novel content and not the cover (e.g., authors list or institution) of its research [3]. The content of any scientific article or the nature of its findings would be more impactful than the name of authors per se towards successful publication. Blind arbitration of articles could necessarily help new researches to ensure that their articles are judged with minimal or no bias against their names or institutions. Last but not least, education and effective edification should and will continue to play irreplaceable roles in enhancing academic and industrial science arbitration towards minimizing potential bias.

Conflict of Interest

The authors have no conflict of interest to declare.

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