

Outlooks on the Publishing of Research Paper in Scientific Journals

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In the Method and Methodology of Research Course at Institute of Biochemistry and Biophysics (IBB), University of Tehran, the class students had series of questions about the procedures of publishing scientific articles. It was decided that these questions be exposed to the eminent scientific professors and questions discussed extensively in this article as follow items:

- Why should scientific research data and findings be published in scientific journals?
- Why is there an emphasis on publishing the results of scientific research with an international index? Why and what is indexing worth?
- Does the specialized reviewing process prevent the novel publication? Is this type of reviewing inducing the discriminatory and influenced by conflicts of interest?
- Is publishing articles in scientific journals, especially international journals, a tool for stealing ideas?
- Are some editors of international journals discriminate in the process of submitting judgments or decisions to some countries?

Why do some international journals or publishers tend to publish open access articles? Doesn't this harm the scientific quality of scientific articles?

- Do universities deserve to play a role in publishing scientific journals?

Distinguished academic professors have commented on each of the above questions in detail from various perspectives that the written material has valuable knowledge and experience that can be useful to researchers and students. It is worth mentioning that the answers to the questions have been addressed from a national and international perspective, which can pave the way for scientific publishing institutes, scientific associations, relevant higher education officials, editors and editorial boards of journals at the national and international levels.

Keywords: International Article Publishing, Expert Referee, Indexing, Open Access Publishing, Scientific Quality, New Perspectives, Scientific Ethics, Knowledge contribution.

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