

Peer-Review of Scientific Journals

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Peer review process in journal publication, has been a mechanism for ensuring high quality research in academia for a long time. It varies slightly from journal to journal. For an article to be accepted in a journal, the style and publication format of the journal is observed.

Peer reviewing is a novel method developed after World WarII for evaluation of paper publications due to large volume of scientific research and increase in number of specialty .Peer-reviewed journals are considered as a subset of scholarly journals. This process is divided into three general categories: blind review, open review and post- publication review; these categories are different in their stages and evaluation procedures.

There are several methods for identifying the peer-reviewed journals, these include: limiting search in databases to only peer reviewed results, checking Ulrich's directory, checking the official site of journals Based on the number of editors, editorial board and peer reviewing process, there are several different journal peer review and evaluation processes which will be discussed here. Journal peer-reviewer has important responsibilities in his/her review; for example, he/she needs to maintain confidentiality about the title and article data. Despite of many advantages using peer review process, there has also been criticism of the process. This paper provides an overview of the peer review process and different types, stages, history, weaknesses, different systems of this process, discussion on peer-reviewed articles, identifying peer-reviewed journals, peer reviewers and responsibilities.

Keywords: Peer Review Process, Peer-Reviewed Journals, Ulrich's Directory.

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