

Scientific articles

Definition:

A scientific article is a written report that describes original research results. It is a special type of document that contains certain kind of information, in an established order. The IMR&D method (Introduction, Materials and Methods, Results and Discussion) is widely used in various scientific disciplines.

It is a document whose objective is to disseminate in a clear and precise manner, in a regular extension, the results of a research carried out on a specific area of knowledge. Generally, it presents the background of a study, its justification, the methodology that has been used, the results that have been obtained, the scope of the work and suggestions for further research related to the problem that has been addressed.

A scientific article is used to report the results of a scientific research: "a systematic, organized and objective process, whose purpose is to answer a question or hypothesis and thus increase knowledge regarding something unknown" (Villamil, 2009).

I. Formal criteria

- Completed *author's data sheet*. The author's *academic and professional profile* must also be included (up to 75 words).
- It should include an *abstract* and up to 5 *keywords*
- It should contain: *introduction, methodology, results, conclusions, bibliographical references* and, if necessary, *annexes*.
- Clear writing and grammatical correctness
- Length: up to 15,000 words, including abstract, footnotes and bibliography.
- Bibliography and bibliographical references according to the stipulated standards.

II. On content

- Problem to be addressed clearly stated.
- Theoretical-methodological relevance.
- Contributions to the scientific discipline in question.
- Coherence and cohesion in the development; integration of the consulted theory with the object of study, with the analysis of the results and with the reached discussion or conclusions.
- Original and novel information, as a result of a research process.