

GUIDE FOR AUTHORS:

EDITOR'S ADVICE

IMPORTANT NOTE

DYNA aims to maintain a content structure in its publications that allows it to aspire to the continuous improvement of its impact factor. To this end, if they are to be considered as **research articles**, the papers presented must show the steps taken in the search for new or improved materials, products or processes, indicating **their current situation, the theoretical considerations for improvement, the execution of the research, the validation of the results and the conclusions for subsequent application**.

Work that is limited to local studies or analyses of a situation, work based on surveys that provide only information without applicable deductions, or work that is limited to descriptions of a process, even one that improves the state of the art, are therefore not considered as such.

For this reason it is of great importance that:

- In the TITLE, clearly and briefly state the gist of the text
- In the ABSTRACT, the objective (**why and what for**) of the work should be stated with some key words that help to locate it.
- The INTRODUCTION presents the state of the problem addressed with the approaches given by the most current and relevant researchers.
- In the MATERIALS and METHODS, the research process followed should be described, and tables or graphs that are very long without losing the coherence of the text should be included in the complementary material.
- In the RESULTS, data on what has been achieved in the research and, if necessary, its practical evaluation with a short case study.
- In the CONCLUSIONS, the initially intended objective is compared with the results obtained, offering solutions that are not local, but globally applicable.

With these requirements, it will be possible to make a decision on the article so that it can be favourably reviewed and find wide dissemination, serving as a reference for other authors and improving the author's H-index.

A DYNA reviewable research article must be an **account of the achievements of a proposed objective** through an original and reproducible research process.

AVOID SELF-CITATIONS OF A JOURNAL IN ITSELF, IF THEY ARE NOT INDISPENSABLE

Some authors tend to think that they are doing DYNA a favour when they include citations to articles already published in DYNA on that topic in the articles they send us, but nothing could be further from the truth. A high percentage of self-citations can lead to the exclusion of the journal from the JCR. This indicator is closely monitored by *Clarivate Analytics*, as a high number of self-citations can be considered an indication of artificial manipulation of the impact factor.

A self-citation is considered when an article published in the journal X, has a reference to another article in the same journal X. The percentage of self-citations in a journal should be

kept below 5%, so it is recommended that this limit is only exceeded when technically necessary. That is, only if there is a significant reference to the cited article in the new text.

GENERAL RECOMMENDATIONS

The cover letter.

Do not forget the importance of a good cover letter. This is the first opportunity to try to generate a good impression about the article, its conclusions and its impact on engineering. The letter helps the Editor to understand the implications of the manuscript and is where the author explains the contribution he/she is making to engineering.

The cover letter should not be too long, 4 or 5 paragraphs should suffice. The beginning should be an introduction to the study and its authors. Then you can explain the premises of the work and why this development or discovery is interesting and novel. End the letter by declaring any conflict of interest that may be incurred and confirming that it has not been published or sent elsewhere.

The Title.

Use a short title that is understandable and attractive (150 characters). Do not use abbreviations, acronyms, technical terms unknown to non-specialists, or too many prepositions. Bear in mind that the aim is to appeal to a wide range of readers. If readers cannot understand the title, they will not read the article. Include some of the keywords chosen for the work.

The title can be prepared by focusing on:

- the problem we are trying to solve
- the method and object of the research
- the final conclusion of the work

Phrases to avoid because they do not add value:

- Aspects of...
- Comments about...
- Research on...
- Study on...
- Report of...
- Contribution to...
- Results of a study on...
- Analysis of the results of...
- Conceptualisation of...
- Determination of...
- First case...
- Innovative research...

The Summary.

The Executive Summary is like a "hook" and contains the information that the reader reviews before deciding whether to read the article in full or to give up and move on to another. It is worth making the effort to prepare it in order to

make it attractive and easy to understand. It should be informative, but not too detailed, and limited to a maximum length of 300 words.

Start with one or two sentences that define the framework of the work. Then present the system or problem being studied, indicating what the situation has been up to now. Then go on to define the discovery or innovation made, briefly indicating the method used. Finish the summary by indicating the implications or conclusions of the work.

[The Keywords.](#)

The key words should give a clear idea of the subject matter. Select 5 to 10 in English or Spanish.

In case of doubt in the selection, use *google trends* to choose the most searched on the Internet for the topic of the article and maximise its reach.

[Dissemination after publication.](#)

The dissemination of the author's work does not end when the article is finally published in the journal. The Internet is a powerful tool that the author must use to his or her advantage.

DYNA, unlike other journals, offers the author an encrypted link to their work in open access that allows direct access to it free of charge on our servers. In this way, the author can publish this link on his/her blog, corporate website, specialised social networks (*Research Gate*), etc.

A detailed copy of the Instructions for Authors is available at

http://www.revistadyna.com/doc/normas_extend.pdf