# Description

The *Journal of Magnetism and Magnetic Materials* provides an important forum for the disclosure and discussion of original contributions covering the whole spectrum of topics, from basic magnetism to the technology and applications of magnetic materials. The journal encourages greater interaction between the basic and applied sub-disciplines of magnetism with comprehensive review articles, in addition to full-length contributions. In addition, other categories of contributions are welcome, including Critical Focused issues, Current Perspectives and Outreach to the General Public.

### Main Categories:

- **Full-length articles:** Technically original research documents that report results of value to the communities that comprise the journal audience. The link between chemical, structural and microstructural properties on the one hand and magnetic properties on the other hand are encouraged. 
  
  In addition to general topics covering all areas of magnetism and magnetic materials, the full-length articles also include three sub-sections, focusing on *Nanomagnetism*, *Spintronics* and *Applications*. The sub-section on *Nanomagnetism* contains articles on magnetic nanoparticles, nanowires, thin films, 2D materials and other nanoscale magnetic materials and their applications. The sub-section on *Spintronics* contains articles on magnetoresistance, magnetoimpedance, magneto-optical phenomena, Micro-Electro-Mechanical Systems (MEMS), and other topics related to spin current control and magneto-transport phenomena. The sub-section on *Applications* display papers that focus on applications of magnetic materials. The applications need to show a connection to magnetism.

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- **Critical Focused Issues** - consist of single articles on emerging topics of interest. Articles in this category identify problems of current interest that need to be addressed in the future in order to advance an emerging subfield of magnetism. By identifying such open issues, they focus the interest of the community to the challenges ahead. Thus, unlike review articles, this category will aim more on the future and what needs to be explored, rather than on what has been explored in the past. Of course, the articles include a review aspect in order to identify the open issues and put them into perspective. The articles need not be long, exhaustive or comprehensive. They provide the vision of the authors, who are recognized experts in the field. Readers utilize these articles to focus their thinking on future endeavors. These articles should also help to generate proposals to funding agencies worldwide.
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