



an Open Access Journal by MDPI

Magnetoelastic Materials

Collection Editor:

**Asoc. Professor, DSc., PhD.
Roman Szewczyk**

Industrial Research Institute for
Automation and Measurements
PIAP / Warsaw University of
Technology, Warsaw, Poland

Message from the Collection Editor

The "Magnetoelastic Materials" Special Issue of the journal aims to act as a guide in this extensive topic, and will include both articles presenting new original results, short communications and reviews of recent research or specific applications. Contributions can range from fundamental properties of magnetoelastic materials, their processing and characterization, as well as to innovations in processing technologies or the development of magnetomechanical applications.

Keywords

- magnetoelastic effect
- nondestructive testing
- magnetostriction
- hysteresis model
- soft magnetic materials
- magnetomechanical effects



mdpi.com/si/18546



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Ei Compendex, CaPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

Journal Rank: JCR - Q1 (Metallurgy and Metallurgical Engineering) / CiteScore - Q2 (*Condensed Matter Physics*)

Contact Us

Materials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/materials
materials@mdpi.com
[X@Materials_Mdpi](https://twitter.com/Materials_Mdpi)