

Special Issue

Micromagnetism and Magnetic Properties of Materials

Message from the Guest Editor

A micromagnetic perspective on the magnetic properties of advanced nanomaterials is generally a rewarding domain in materials science. New numerical methods contributing to a better understanding of fundamental properties related to dimensionality (1D, 2D), theoretical studies explaining or revealing new nano/microscale features related to the magnetization dynamics, as well as out-of-the-box experimental approaches of older and newer issues in the field of magnetism are all equally welcomed in the current Special Issue. An interdisciplinary approach of subjects involving magnetic materials is also welcomed. We sincerely hope that this subject will be a step forward in fields involving both magnetic nanoparticles (e.g., sensoristics, biomedicine, catalysis) and more complex magnetic structures (e.g., spintronics).

Guest Editor

Dr. Andrei Cristian Kuncser

National Institute of Materials Physics, Atomistilor 405A, 077125
Magurele, Romania

Deadline for manuscript submissions

closed (20 September 2023)



Materials

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed



mdpi.com/si/163265

Materials
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
materials@mdpi.com

[mdpi.com/journal/
materials](https://mdpi.com/journal/materials)





Materials

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed



[mdpi.com/journal/
materials](https://mdpi.com/journal/materials)



About the Journal

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.

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

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 - Q2 (Metallurgy and Metallurgical Engineering) /
CiteScore - Q1 (Condensed Matter Physics)