

Special Issue

Functional Magnetic Materials: Properties, Characterization and Application

Message from the Guest Editors

Materials welcomes submissions to a Special Issue on “Functional Magnetic Materials: Properties, Characterization and Application.” The Special Issue covers all the areas of functional magnetic materials including magnetic materials and magnetic shielding, including but not limited to topics regarding their properties, characterization, devices, instrumentations, and applications. This Special Issue offers a wide scope, covering all the areas of magnetic materials and magnetic shielding, and welcomes different types of submissions such as research, tutorials, perspectives, and review articles. This Special Issue also welcomes roadmap articles on functional magnetic materials technology covering the latest developments, current state-of-the-art methods, challenges, and future perspectives. Please contact the guest editors if you have questions regarding the relevance of your contributions to the above topics.

Guest Editors

Dr. Jinji Sun

School of Instrument Science and opto-electronic Engineering,
Beihang University, Beijing, China

Prof. Dr. Jin Li

School of Instrumentation and Optoelectronic Engineering, Beihang
University, Beijing 100191, China

Deadline for manuscript submissions

closed (10 October 2024)



Materials

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed



mdpi.com/si/168023

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)