

## Special Issue

# Advances in Soft Magnetic Composites

### Message from the Guest Editor

This Special Issue aims to introduce the latest research advancements in the field of soft magnetic composites (SMCs) and explore their applications in power electronics, motors, sensors and beyond.

This Special Issue will cover the following topics:

- Preparation process and forming techniques of SMCs;
- Physical properties, magnetic characteristics and hysteresis losses of SMCs;
- Applications of SMCs in motors, sensors and related fields;
- Preparation and applications of nano-SMCs;
- Research progress regarding SMCs in energy conversion and conservation domains.

This Special Issue aims to offer researchers and engineers in the field of SMCs an opportunity to understand the latest developments and future trends, facilitate communication and collaboration among different disciplines, and promote the application and development of SMCs in related fields. We hope this Special Issue will provide readers with a high-quality academic platform, enabling them to collaborate with scholars and engineers in the field to drive the research and application of SMCs.

### Guest Editor

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### Deadline for manuscript submissions

closed (20 March 2024)



## Materials

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## 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.

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### Editor-in-Chief

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