

Topical Collection

Magnetoelastic Materials

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

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Materials

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Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed



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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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