Special Issue

Magnetic Shape Memory Alloys: Fundamentals and Applications

Message from the Guest Editors

The fundamentals and applications of shape memory alloys in relation to solid-state refrigeration have been widely reported in recent years. In view of your expertise in the field, we invite you to submit your research to this Special Issue of *Materials*, entitled “Magnetic Shape Memory Alloys: Fundamentals and Applications”. The Special Issue aims to promote the development of magnetic shape memory alloy solid-state refrigeration. We believe that your research results will greatly increase the impact of this research field. In this Special Issue, original research articles and reviews are welcome. Research areas may include the following: magnetic shape memory alloys, martensitic transformation, magnetic properties, magnetocaloric effect, elastocaloric effect, barocaloric effect, and thermal energy storage. We look forward to receiving your contributions.

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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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