

Special Issue

Current Trends in Magnetic Metallic Materials and Nanocomposites

Message from the Guest Editors

Magnetic materials are an important class of functional materials that widely serve in electrical power generation and transformation, memory storage devices and sensors. At present, a variety of magnetic materials have been designed and manufactured, including ferromagnetic materials, Fe-Si alloys, soft magnetic high-entropy alloys and magnetic metallic nanocomposites, etc. This Special Issue aims to share the latest advancements in magnetic metallic materials and nanocomposites. We therefore welcome high-quality original research papers and review papers focusing on the composition or structural design of magnetic metallic materials, processing, microstructural evolution, characterization techniques, properties and applications, etc. We believe that the collection of papers on relevant topics will help us better understand the microscopic mechanisms of magnetic metallic materials and address the challenges facing the field.

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