



Applications of Hard and Soft Magnetic Materials

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Message from the Guest Editor

Please consider submitting your work in magnetic materials to this Special Issue about the anisotropy optimization of magnetic materials. For example, permanent magnets require hard, high-anisotropy, high-magnetization materials with good thermal properties, while antennas require soft, low-anisotropy, high-permeability materials with good dynamical properties. Other applications, from sensors and actuators to memory and spintronic devices, cover a wide range of optimal magnetic anisotropies and other desirable characteristics. These materials can also be fabricated in a variety of forms, as powders, composites, single crystals, sintered metals, thin films, nanoparticles, and nanostructures. This Special Issue will focus on materials for devices that require controllable anisotropy for performance optimization.





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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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