Special Issue

Microstructure Characterization and Properties of Intermetallic Alloys/Amorphous Alloys

Message from the Guest Editor

Satisfying the constantly and rapidly growing need for novel materials with possible industrial applications is one of the most important challenges for science today. In particular, intermetallic compounds, which are solid phases involving two or more metallic elements whose crystal structure is different from that of their constituents, have recently been of interest due to their unique chemical, magnetic, and superconducting properties as well as their increased strength. Moreover, amorphous alloys have sparked substantial interest because of their possible applications for shapememory alloys and coatings as materials for biotechnology and hydrogen storage. Special Issue welcomes contributions focused on the characterization of the microstructural of the intermetallics and the amorphous alloys.

Guest Editor

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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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