Special Issue

Development and Application of Amorphous Alloys and Their Composites

Message from the Guest Editor

Amorphous alloys and metallic glasses (glassy alloys), as well as their composites, are attracting increasing attention. They are considered promising candidates for the next generation of structural and functional materials, such as applications to environmental and energy engineering, electronics engineering, and biomedical engineering fields. Recent progress in amorphous alloys has enabled more sophisticated and precise studies on features of glassy structure to be performed. Furthermore, applications, engineering, and standardization are now available since the first discovery of the amorphous alloy in 1960. Application fields of amorphous alloys have spread widely, using features of the supercooled liquid formation of glassy alloys, such as nanoscale imprinted patterns. It is expected that fields of application will be significantly extended in the near future. The aim of this issue is to present the latest developments and applications of amorphous alloys, metallic glasses, glassy alloys, and their composites. It is our pleasure to invite the submission of articles and reviews for this Special Issue.

Guest Editor

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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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