Special Issue

Metallic Glasses and Amorphous Alloys: Recent Advances and Future Prospects

Message from the Guest Editor

Over the last two decades, metallic glasses, also known as amorphous alloys, have received extensive research interest owing to their unique and desirable properties in terms of engineering applications, including large elastic strain limit, high strength, low Young's modulus, and excellent wear and corrosion resistance. We are pleased to announce a Special Issue on the recent advances in and future prospects of metallic glasses, focusing mainly on glass formation, structure evolution, as well as mechanical and magnetic properties. In addition, this Special Issue will present discussions of advanced characterization techniques used to analyze and understand metallic glasses, including experimental methods, simulations, and theoretical expressions. We welcome the submission of full papers, theoretical studies, communications, and reviews to this Special Issue.

Guest Editor

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Deadline for manuscript submissions

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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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