Special Issue

Phase Transformations in Metal Alloys

Message from the Guest Editors

This Special Issue, focused on phase transformations in metal alloys, aims to provide a platform for the dissemination of research by scientists working in universities, research institutes, laboratories and various branches of industry. We also aim to develop resource-saving processes and materials, technologies and devices that are essential to the development of high-quality, competitive products.This Special Issue will provide an up-to-date review of research on phase transformations in metal alloys. The articles presented in this Special Issue will cover various topics, ranging from casting technologies, metal welding, additive manufacturing, high-energy beam machining, plastic forming, etc., to the phase composition of metal alloys. Therefore, this Special Issue welcomes the submission of papers that focus on the processing of metal materials and how the observed changes in phase composition affect the material characteristics, structure, properties and applications.

Guest Editors

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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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