Special Issue

Light Alloys and High-Temperature Alloys

Message from the Guest Editor

Light alloys and high-temperature alloys are widely used as key engineering materials in both civil and military industries due to their excellent comprehensive properties and performance. In order to meet the growing demand on the properties/performance of the materials, there is a perpetual need to explore novel light and high-temperature alloys. In this Special Issue of *Materials*, I would like to call for submission of papers on any new progress/development in the fields of light and high-temperature alloys. Both research and review articles are welcomed. This Special Issue majorly covers all the theoretical and experimental investigations into different types of light alloys, including Al-, Mg-, and Ti-based, and high-temperature alloys, including Ni-, Co-, Fe-, and Nb-based. Related topics, like the protective coatings on high-temperature alloys, metal matrix composites, and so on, also fall within the scope of this Special Issue. Moreover, research on the new type of high-temperature alloys, i.e., high-entropy alloys, or multi-principal element alloys, are welcomed as well.

Guest Editor

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Deadline for manuscript submissions

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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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