

Special Issue

Mechanical Alloying and Heat Treatment

Message from the Guest Editor

You are cordially invited to publish original scientific articles describing the results of research works or review articles in a Special Issue entitled “Mechanical Alloying and Heat Treatment”. Mechanical alloying is a promising method for the synthesis and production of a wide variety of materials with homogeneous structures and desired properties. MA enables the formation of solid solutions, intermetallic phases, or nanocrystalline or amorphous materials with unique physical, chemical, and mechanical properties. The submitted works may therefore concern both innovative engineering materials with modification of their structure and physico-chemical properties, as well as original technological modifications used in the methodology of mechanical alloying, with particular emphasis on heat treatment. You can also focus on the development of new technological solutions and mathematical models which will be helpful in formulating new conclusions.

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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