Special Issue

Metallic Materials: Structure Transition, Processing, Characterization and Applications (Second Edition)

Message from the Guest Editors

This Special Issue aims to publish scientific papers on the topic “Metallic Materials: Structure Transition, Processing, Characterization and Applications”. Contributions may include original scientific articles concerned with fundamental and applied aspects of research or direct applications of metallic materials. This Special Issue will provide readers with up-to-date information on the recent progress in the structure transition, processing, heat treatment, characterization and applications of metals. Papers submitted to this journal are expected to be in line with the following aspects of processes, properties, and performance:

- Enhancing the related properties of metals through advanced element design;
- Novel heat treatment technology for enhancing efficiency or related properties;
- Novel surface modification technology;
- Novel methodologies for characterization of the microstructure and properties;
- Novel processing technology;
- Failure analysis of metals.

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Deadline for manuscript submissions

20 September 2025

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/208400

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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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