

Special Issue

Recovery of Non-ferrous Metal from Metallurgical Residues

Message from the Guest Editor

Non-ferrous metals and alloys are essential resources for the development of modern industries. With the depletion of natural minerals, the recovery of non-ferrous metal from metallurgical residues attracts researchers from multidisciplinary areas. Ideas of new recovering routes reduce pressures on natural resources and the environment, thus benefiting better manufacturing sustainability. This Special Issue primarily considers papers focused on the theoretical and engineering aspects of the processing of metals recovery from metallurgical residues. We are inviting papers that include but are not limited to the original work or review article embodying the results of extensive field, plant, laboratory, or theoretical investigation, with any of the following thematic areas:

- Non-hazardous treatment of metallurgical residues;
- Novel applications of metallurgical residues;
- A novel process for the recycling of non-ferrous metals and alloys;
- Biomass pyrogenation;
- Metallurgical reaction engineering of technological processes.

Guest Editor

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Deadline for manuscript submissions

closed (20 July 2023)



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About the Journal

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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