

Special Issue

Advances in Efficient Utilization of Metallurgical Solid Waste

Message from the Guest Editor

Metal is an important raw material in various areas of society, and metal extraction industry (metallurgy) inevitably produces a large amount of metallurgical solid waste. To this end, this Special Issue will provide a platform for scientists and technicians from around the world to share new ideas, methods and technologies for the recovery of valuable components and the high-value utilization of metallurgical solid waste from many metallurgical wastes. Original research and critical articles are welcome in this Special Issue. Potential research subjects include, but are not limited to, the following:

- New methods for and advances in accurately characterizing the chemistry and structure of trace valuable components in metallurgical solid waste;
- New theories and methods for the efficient extraction of trace valuable components from metallurgical solid waste;
- New reagents, technologies or equipment for separating critical metals from metallurgical solid waste;
- The impacts of toxic substances in metallurgical solid waste on the environment and the possible environmental problems caused by waste treatment.

Guest Editor

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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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