Special Issue

Greening Industrial Solid Waste

Message from the Guest Editors

Increasing urbanisation, population growth, and technological innovations have contributed to an increase in both the quantity and variety of solid wastes generated by industrial activities. Hazardous and toxic wastes contain substances that can cause serious health and safety problems if they are not disposed of properly, such as heavy metals, pesticides, and radioactive, toxic, and infectious substances. However, if treated properly, industrial solid waste can be a valuable resource for the production of green materials, thereby reducing the environmental impact of industrial activities and promoting a circular economy. In this Special Issue, we invite articles on industrial solid waste management and recycling for a green economy. The articles should present novel and effective strategies for reducing industrial solid waste production, recycling it, reprocessing it, disposing of it, and recovering waste energy from it. We hope that this Special Issue will inspire further research and innovation in this area and contribute to global efforts toward a more sustainable future.

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Deadline for manuscript submissions

closed (20 November 2023)

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/169394

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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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