







an Open Access Journal by MDPI

Green Materials for Heavy Metals Remediation and Sensing

Guest Editors:

Dr. Marco Zannotti

School of Science and Technology, Chemistry Division, ChIP Research Center, University of Camerino, Camerino, Italy

Prof. Dr. Rita Giovannetti

School of Science and Technology, Chemistry Division, ChIP Research Center, University of Camerino, Camerino, Italy

Deadline for manuscript submissions:

closed (10 October 2023)

Message from the Guest Editors

In this era of industrialization, environmental pollution is a major global issue. One of the most important issues is related to heavy metal (HM) pollution. Nowadays, these types of pollutants may be discarded in waters, soils, and the atmosphere due to expanded agricultural industry, improper waste disposal, metal industries, and the use of fertilizers and pesticides.

As a consequence, scientific research is continuously in search of materials, nanomaterials, nanoparticles, or advanced materials for use as increasingly efficient sensing materials for the fast detection of HMs, adsorption, and depuration from HMs for the benefit of the environment.

For these reasons, you are invited to submit a manuscript to this Special Issue that aims to collect contributions on new materials and green strategies with a reduced impact on the environment, with a view to preserving the ecosystem and promoting sustainable development.













an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, OC H3A 0C7, Canada

Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The iournal covers twenty-five comprehensive biomaterials, energy materials, advanced composites. advanced materials characterization, porous materials, manufacturing processes and systems. 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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Ei Compendex, CaPlus / SciFinder, Inspec, Astrophysics Data System, and other databases

Journal Rank: JCR - Q2 (*Metallurgy & Metallurgical Engineering*) / CiteScore - Q2 (*Condensed Matter Physics*)

Contact Us