Special Issue

Innovative Applications of Wastes, Low-Cost and Recycled Materials

Message from the Guest Editor

In recent decades, the increases in population and human development, as well as agro-industrial activities, have induced increasing amounts of waste. This contamination generates human health problems and harms the environment. Recycled materials are emerging as a new area of research to reduce environmental issues. Low-cost materials are used more and more intensively in many fields, especially where the traditional materials are expensive and could be successfully replaced by low-cost materials, which are generally recovered from different kinds of wastes or are based on low-cost raw materials and need only an innovative treatment at low energy costs. “Innovative Applications of Wastes, Low-Cost and Recycled Materials” is devoted to an aspect of environmental protection aiming to reduce pollution by using low-cost recyclable materials. This new generation of materials could be used in many domains, such as construction, water/wastewater treatment, the development of innovative ecological devices and equipment, etc. The editorial committee welcomes research and review articles as well as proceedings from conferences relevant to the topics of this journal.

Guest Editor

Prof. Dr. Igor Cretescu

“Cristofor Simionescu“ Faculty of Chemical Engineering and Environmental Protection, Gheorghe Asachi” Technical University of Iasi, Iasi, Romania

Deadline for manuscript submissions

closed (10 May 2023)

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/97638

Materials
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
materials@mdpi.com

mdpi.com/journal/materials

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/journal/materials

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.

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, QC H3A 0C7, Canada

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 and Metallurgical Engineering) / CiteScore - Q1 (Condensed Matter Physics)