Special Issue

Advances in Function Geopolymer Materials—Second Edition

Message from the Guest Editors

Geopolymer materials classified as inorganic polymers have been known for several decades, but there is currently an increased interest in this type of material. Because geopolymer production technology is sensitive to changes in raw material prices, it is difficult for geopolymers to compete with the prices of conventional mass-produced concretes. However, there is a lot of interest in many specialized, often niche, applications. One example is thermal insulation. Geopolymer materials have a number of unique properties and are classified as functional materials. Thanks to the properly designed syntheses of these materials, it is possible to control various properties. This Special Issue will present the latest achievements and research results on geopolymers as functional materials. This Special Issue aims to attract original contributions in topics related to advanced functions of geopolymers. We believe that this collection will summarize the current state of the art and featured trends in this field and will thus be a source of new ideas for future research.

Guest Editors

Dr. Michał Łach

Dr. Kinga Korniejenko

Dr. Aleksandar Nikolov

Deadline for manuscript submissions

20 November 2025

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/239949

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

MDPI

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)