

Special Issue

Advances in Rock and Mineral Materials

Message from the Guest Editors

Material sciences support society by means of research and development of new, advanced, and environmental and health-friendly materials. Among them are mineral raw materials, like iron and ferro-alloy metals, non-ferrous metals, precious metals, industrial minerals, mineral fuels, and materials for the construction industry. These "primary" raw materials are extracted from the earth and are precursors for various engineered materials. To safeguard primary raw materials, the use of "secondary" raw materials has been gaining increased importance. The "Secondary" raw materials are materials, which are recycled raw materials that can be used in manufacturing processes. This Special Issue aims to explore various aspects within mineral material life cycles: geological occurrences and extraction, processing and metallurgy, engineered mineral materials (such as cements, ceramics, geopolymers, composites, adsorbents, etc.) and their application, recycling, and disposal. Papers shall aim to explore chemical, geochemical, mineralogical, and environmental factors, engineering, life cycle assessment, and other aspects related to rock and mineral.

Guest Editors

Dr. Gorazd Žibret

Dr. Vilma Ducman

Dr. Lea Žibret

Deadline for manuscript submissions

closed (20 January 2025)



Materials

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed



mdpi.com/si/176374

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

[mdpi.com/journal/
materials](https://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](https://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)