



an Open Access Journal by MDPI

Advanced Materials and Processing Technologies

Guest Editors:

Prof. Dr. Lidija Čurković

Prof. Dr. Sonja Jozić

Prof. Dr. Irena Žmak

Deadline for manuscript
submissions:
closed (30 December 2025)

Message from the Guest Editors

Industrial advancement is intrinsically linked to the development and implementation of innovative structural materials and processing technologies, as well as the efficient utilization of current and emerging energy sources. Emphasis is also placed on the organization of production processes, quality management, and environmental sustainability.

This Special Issue, “Advanced Materials and Processing Technologies”, will focus on various types of advanced materials produced using recent technologies. Special attention will be given to optimizing production processes to enhance material properties (mechanical, corrosion, electrical, thermal, etc.) while also considering sustainability and environmental protection.

This Special Issue is associated with the 13th International Conference Mechanical Technologies and Structural Materials 2024 (MTSM 2024), which will be held in Split, Croatia, on September 19–20, 2024. For more information about the event, please visit the following link: www.strojarska-tehnologija.hr



mdpi.com/si/212510

Special Issue



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, QC H3A 0C7, Canada

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.

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)

Contact Us

Materials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/materials
materials@mdpi.com
[X@Materials_Mdpi](https://twitter.com/Materials_Mdpi)