



an Open Access Journal by MDPI

## State-of-the-Art Materials Science and Engineering in Romania 2022

Guest Editors:

### **Prof. Dr. Iulian Vasile Antoniac**

Faculty of Material Science and Engineering, University Politehnica of Bucharest, 313 Splaiul Independentei Street, District 6, 060042 Bucharest, Romania

### **Dr. Aura-Catalina Mocanu**

Faculty of Material Science and Engineering, University Politehnica of Bucharest, 313 Splaiul Independentei Street, District 6, 060042 Bucharest, Romania

### **Dr. Ana-Iulia Bita**

Faculty of Material Science and Engineering, University Politehnica of Bucharest, 313 Splaiul Independentei Street, District 6, 060042 Bucharest, Romania

### **Message from the Guest Editors**

It is my pleasure to invite you to submit manuscripts to the Special Issue “State-of-the-Art Materials Science and Engineering in Romania”.

The main purpose of this Special Issue is to publish selected, original scientific papers written by Romanian scientists, describing research work carried out on materials using the latest technological advancements. The thematic scope is by no means limited, and we count on interesting and innovative papers contributing to the development of this interdisciplinary area of material scientific and technical research.

We welcome original research and reviews focusing on advanced and smart materials, from a macro to nano level, surface modifications, mechanical and thermo-physical properties, characterization techniques, new technological solutions, and process improvements dedicated to progress in materials sciences and engineering.

Let us present research novelties in materials science and increase the visibility of Romanian research potentials in the materials science and engineering field.

Deadline for manuscript submissions:

**closed (20 December 2022)**



[mdpi.com/si/106877](https://mdpi.com/si/106877)

# 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 - Q1 (Metallurgy and Metallurgical Engineering) / CiteScore - Q2 (*Condensed Matter Physics*)

## Contact Us

---

Materials Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/materials](http://mdpi.com/journal/materials)  
[materials@mdpi.com](mailto:materials@mdpi.com)  
[X@Materials\\_Mdpi](https://twitter.com/Materials_Mdpi)