

## Special Issue

# Feature Papers in Materials Physics (2nd Edition)

### Message from the Guest Editors

Materials physics has been one of the most vivid fields in materials research that has played a key role in shaping and advancing modern materials from both a fundamental and applied perspective. This Special Issue seeks high-quality feature papers on materials physics that provide insights into and highlight the latest progress and innovative developments in materials fabrication and processing, characterization, integration, and performance evaluation in existing and emerging technologies in diverse fields ranging from mechanics, electronics, and photonics to solar energy conversion and environmental engineering. As , we cordially invite you to submit your recent work to this Special Issue. The topics of interest include but are not limited to:

- Metals and alloys
- Ceramics and coatings
- Semiconductors
- Metal oxides
- Optical and photonic materials
- Low-dimensional materials
- Plasmonics and metamaterials
- Magnetic materials
- Superconducting and quantum materials
- Ferroelectrics, multiferroics, and magnetoelectrics
- Thermoelectrics
- Polymers etc.

### Guest Editors

Prof. Dr. Vlassios Likodimos

Section of Condensed Matter Physics, Department of Physics, National and Kapodistrian University of Athens, University Campus, Zografou, GR-157 84 Athens, Greece

Prof. Dr. Andres Sotelo

Instituto de Ciencia de Materiales de Aragón (CSIC-Universidad de Zaragoza), Made Luna 3, 50018 Zaragoza, Spain

### Deadline for manuscript submissions

20 October 2025



## Materials

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[materials@mdpi.com](mailto:materials@mdpi.com)

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## 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.

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### 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

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