

## Special Issue

# Selected Papers from the 15th International Conference on Key Engineering Materials

### Message from the Guest Editor

This Special Issue welcomes submissions focused on recent developments in key engineering materials including metals, composites, ceramics, glass and polymers. We will garner some papers from the [International Conference on Key Engineering Materials \(ICKEM\) 2025](#). We are seeking innovative and thought-provoking topics that address current challenges, breakthroughs, and future directions, including, but not limited to, the following:

- Advanced Composite Materials;
- Metals and Alloys;
- Ceramics and Glasses;
- Polymers and Polymer-Based Materials;
- Nanomaterials and Nanotechnology;
- Materials for Energy Applications;
- Biomaterials and Healthcare Applications;
- Smart and Functional Materials;
- Materials Processing and Manufacturing;
- Characterization and Testing of Materials;
- Environmental and Sustainable Materials;
- Theoretical and Computational Materials Science.

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### Guest Editor

Prof. Dr. Geoffrey R. Mitchell

Centre for Rapid and Sustainable Product Development, Institute Polytechnic of Leiria, Rua de Portugal, 2430-028 Marinha Grande, Portugal

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### Deadline for manuscript submissions

closed (20 November 2025)



## Materials

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*Materials*  
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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