

## Special Issue

# Synthesis, Design, Characterization of Unconventional Superconducting Materials

### Message from the Guest Editors

In recent years, extensive research efforts have been devoted to the so-called unconventional superconductors, materials characterized by at least one feature among multiband superconductivity, triplet spin state, non-phononic coupling, and coexistence of superconductivity and magnetism.

To resume the achievements of recent years in this field, the current Special Issue proposes to cover all aspects connected with the synthesis, design, and characterization of unconventional superconductors.

It is our pleasure to invite you to submit a manuscript for this Special Issue, welcoming full original research papers, communications, and review articles, to be submitted before 31 July 2021. For more information, please click the following link:

[https://www.mdpi.com/journal/materials/special\\_issues/unconventional\\_superconducting\\_materials](https://www.mdpi.com/journal/materials/special_issues/unconventional_superconducting_materials)

### Guest Editors

Prof. Dr. Gianluca Ghigo

Politecnico di Torino, Department of Applied Science and Technology,  
Torino 10129, Italy

Dr. Daniele Torsello

1. Department of Applied Science and Technology, Politecnico di  
Torino, 10129 Torino, Italy  
2. Italy Istituto Nazionale di Fisica Nucleare, Sezione di Torino, 10125  
Torino, Italy

### Deadline for manuscript submissions

closed (10 February 2022)



## Materials

an Open Access Journal  
by MDPI

Impact Factor 3.2  
CiteScore 6.4  
Indexed in PubMed



[mdpi.com/si/45470](https://www.mdpi.com/si/45470)

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

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