

## Special Issue

# Materials for Prosthodontics, Restorative Dentistry and Digital Dentistry

### Message from the Guest Editors

This issue is open to studies that investigate the influence of the material characteristics, behavior and/or the manufacturing process of medical and dental devices through partial or total digital workflows. This Special Issue includes research into materials (in their characteristics, design, manufacturing, and clinical performance phases) for tissue substitutes, dental appliances, or prosthetic supplies. The study of materials science in restorative dentistry, dental and maxillofacial prosthetics, and digital dentistry is contemplated, e.g., fixed and removable devices, complete dentures, partial dentures, splints, dental implants, surgical guides, epitheses, auxiliary devices for preclinical and clinical application, as well as orthopedic and/or orthodontic appliances. Among others, both additive and subtractive manufacturing processes are within the scope of this Special Issue, covering metal alloys, dental ceramics, polymers, composites, and hybrid materials. Original in vivo and in vitro articles that provide relevant innovations in materials science will be given priority; however, systematic reviews will be accepted.

---

### Guest Editors

Prof. Dr. Alicia Celemin  
Dr. Pedro Molinero-Mourelle  
Dr. Maria Antonia Rivero González

---

### Deadline for manuscript submissions

closed (10 August 2023)



## Materials

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.2  
CiteScore 6.4  
Indexed in PubMed



[mdpi.com/si/116796](https://mdpi.com/si/116796)

*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://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 Editorial Board

*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.

---

### Editors-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

Prof. Dr. Yuguang Ma

State Key Laboratory of Luminescent Materials and Devices, South China University of Technology, Guangzhou 510640, China

---

### 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)