



an Open Access Journal by MDPI

Dental Materials and Devices: Volume II

Guest Editors:

Prof. Dr. Guang Hong

Division for Globalization Initiative, Directorate, The Office of International Affairs Liaison Center for Innovative Dentistry, Graduate School of Dentistry, Tohoku University, Sendai, Japan

Dr. Lu Sun

Division for Globalization Initiative, Liaison Center for Innovative Dentistry, Graduate School of Dentistry, Tohoku University, Sendai, Japan

Deadline for manuscript submissions:

closed (20 September 2023)

Message from the Guest Editors

Materials and devices play essential roles in the dental field. Many kinds of polymeric and composite materials and metal alloys are used for dental treatment, especially in prosthetic and restorative dentistry. Moreover, in recent years, dental-implant treatment has become famous in dentistry. The materials used for dental implants, such as titanium and titanium-based alloys, have greatly improved over time. In addition, due to advances in processing technology, machining devices such as CAD/CAM have become widespread in dentistry, and in recent years, 3D printing has been applied in dentistry.

The aim of this Special Issue is to provide the latest information on dental materials, especially polymeric and composite materials, dental alloys; titanium and titanium-based alloys used for prosthetics, restorative, and implant dentistry; and devices such as machining and 3D printing in dentistry.





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

mdpi.com/journal/materials
materials@mdpi.com
[X@Materials_Mdpi](https://twitter.com/Materials_Mdpi)