

Special Issue

Research Progress in Functional Dental Materials

Message from the Guest Editors

Dental materials are man-made materials that are used in dentistry to restore or replace tooth structure to maintain or improve the quality of life of dental patients. Dental materials can be classified as restorative materials, preventive materials, and auxiliary materials, and their characteristics vary according to their intended purpose. In recent years, with the development of dental materials, in addition to improvements in the basic properties—such as mechanical properties, hydrolysis resistance, color stability, etc.—of dental materials, many other functions such as antibacterial, protein repellent, self-healing, remineralization, etc., have been introduced into dental materials to meet the clinical requirements. In this Special Issue, we intend to collect recent reports of advancements in functional dental materials. Research articles, review articles, and short communications related to this topic are welcome.

Guest Editors

Dr. Jingwei He

College of Materials Science and Engineering, South China University of Technology, Guangzhou 510006, China

Dr. Biao Yu

School of Chemistry and Chemical Engineering, Lingnan Normal University, Zhanjiang 524048, China

Deadline for manuscript submissions

closed (10 February 2024)



Materials

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed



mdpi.com/si/148036

Materials
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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 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)