Special Issue

Recent Research in Restorative Dental Materials (2nd Edition)

Message from the Guest Editors

In recent years, a clear interest has developed in minimally invasive dentistry. The properties of many materials, such as composite resins, have been changed in such a way that the scope of their application has expanded. In the same way, the development of digital dentistry (CAD systems) and finishing devices (CAM systems) allows researchers to apply more widely known materials in dentistry. Modern materials allow for the fabrication of less-invasive onlays and veneers. Materials with a similar chemical composition that are produced by new technologies have significantly different mechanical properties. Application techniques—such as the type of polymerization, use of a rubber dam, and elimination of the oxygen inhibition layer—also impact the survival of fillings and dentures.The purpose of this Special Issue is to collate research based on the changes that have taken place in recent years in the field of the materials used in restorative dentistry. Articles are welcome to focus on the following materials: composite resins, glass ionomer cement, hybrid ceramic, dental ceramic, and zirconia. Original articles, communications, and reviews, are welcome to be submitted.

Guest Editors

Dr. Leszek Szalewski

Digital Dentistry Lab, Department of Dental and Maxillofacial Radiodiagnostics, Medical University of Lublin, Lublin, Poland

Prof. Dr. Ingrid K. Różyło-Kalinowska

Department of Dental and Maxillofacial Radiodiagnostics, Medical University of Lublin, Lublin, Poland

Deadline for manuscript submissions

20 March 2026

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/248805

Materials
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
materials@mdpi.com

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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

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