Special Issue

Recent Research in Restorative Dental Materials

Message from the Guest Editors

In recent years, a clear interest has developed in minimally invasive dentistry. This has been undeniably influenced by the changes that have taken place in dental materials. Many materials, such as composite resins, have changed their properties 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. Modern materials allow the fabrication of make less invasive onlays and veneers. Materials with a similar chemical composition which are produced by new technologies have significantly different mechanical properties. Application techniques—type of polymerization, use of a rubber dam, elimination of the oxygen inhibition layer—also impact the survival of fillings and dentures. The purpose of this Special Issue is to collect research based on the changes that have taken place in recent years in the field of materials used in restorative dentistry. Interesting topics include changes in the production and composition of materials.

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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.

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