

Special Issue

Recent Advancements in Technology and Applications for Dental Ceramics (Second Edition)

Message from the Guest Editor

Recent advancements in dental ceramics have ushered in a transformative era, extending their applications from conventional restorative materials to bone-grafting materials, dental implants, and orthodontic brackets. Notably, the landscape of restorative ceramics has undergone remarkable evolution in recent decades, significantly impacting clinical practice. Moreover, these advancements have paved the way for the integration of complementary materials, such as luting cements and bonding protocols, offering a holistic approach to dental restorations. A noteworthy development is the emergence of restorative ceramic materials tailored for digital fabrication, effectively bridging the gap between dental laboratories and on-site facilities. In this context, the popularity of layered and monolithic lithium disilicate, zirconia, and other ceramic materials has soared to unprecedented heights.

This Special Issue provides an intellectual platform for the exploration of research papers, reviews, and technical articles that traverse the realms of material sciences, contemporary techniques, and the clinical applications of dental ceramics.

Guest Editor

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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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