Special Issue

Advanced Materials for Oral Applications

Message from the Guest Editor

Oral health is a crucial aspect of overall wellbeing, and advanced materials play a significant role in improving oral care. Research on advanced materials for oral applications is essential as it aims to develop innovative solutions for addressing oral health issues more effectively. Currently, researchers are exploring various advanced materials such as bioactive ceramics, nanocomposites, and hydrogels for applications in dentistry. These materials offer unique properties such as enhanced strength, biocompatibility, and antimicrobial effects, making them ideal for use in dental restorations, implants, and drug delivery systems. However, despite progress being made in this field, researchers are facing challenges such as biocompatibility, long-term stability, and cost-effectiveness of advanced materials for oral applications. In conclusion, research on advanced materials for oral applications is vital for improving oral health outcomes and patient care. By addressing the existing challenges, researchers can continue to advance the field and develop new materials that offer superior performance and benefits for oral health.

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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