

Special Issue

Dental Materials: Applications, Challenges, and Techniques

Message from the Guest Editors

Dental materials play a pivotal role in modern dentistry, influencing restorative, prosthetic, preventive, and regenerative treatments. Their continuous evolution is critical to improving patient outcomes, durability, and esthetic results in clinical applications. The journal of Applied Sciences is pleased to announce a Special Issue dedicated to dental materials. This publication aims to bring together high-quality papers addressing fundamental and applied aspects of dental materials, including their innovation, characterization, clinical applications, processing techniques, as well as current and future challenges in this area. Topics of interest include, but are not limited to, the following:

Innovative biomaterials for restorative and regenerative dentistry;

Mechanical, biological, and esthetic characterization of dental materials;

Biocompatibility, wear resistance, and antimicrobial properties;

Emerging challenges in material selection, durability, and patient-specific solutions;

Digital dentistry and smart materials for next-generation applications, etc.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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