

Special Issue

Endodontics

Message from the Guest Editor

In the field of endodontics, there have been remarkable advances and innovations over the past decade. Bioactive materials now offer completely new options for direct pulp capping or root canal filling. Regeneration instead of reparation is one new focus in endodontics. Innovations from the field of nanotechnology are also currently finding their way into endodontics. This Special Issue will focus on bioactive materials for application in endodontics, such as hydraulic-calcium-silicate-based pulp capping materials and root canal sealers. Special attention will also be given to metallurgical aspects of NiTi alloys for root canal instruments. Moreover, papers focusing on innovative approaches in root canal disinfection (irrigation and intracanal dressings) are also of interest. In this context, the impact of nanotechnology on the antimicrobial efficiency of endodontic materials and furthermore on tissue engineering may be of importance. Finally, pioneering materials for the restoration of root-canal-treated teeth are also welcome. For more information, please click the following link:
https://www.mdpi.com/journal/materials/special_issues/endodontics_2021

Guest Editor

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Deadline for manuscript submissions

closed (31 January 2022)



Materials

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Impact Factor 3.2
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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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