

Special Issue

Research and Application Advantages of 3D-Printed Dental Materials

Message from the Guest Editor

Additive manufacturing, also known as three-dimensional (3D) printing, is a technique used for stacking raw materials layer by layer in order to form the final object. In dentistry, 3D-printing technology has been applied to manufacture several dental devices such as surgical guides, dental splints, denture bases, provisional crowns, etc. Besides the development of the 3D printer, the development of the materials used in this technology is also crucial. In dentistry, the 3D-printable materials should possess sufficient mechanical properties, high accuracy, good environmental resistance, excellent biocompatibility, and so on. In this Special Issue, we intend to collect recent reports of advancements in 3D-printable materials for dental application. Research articles, review articles, and short communications related to this topic are welcome. Your submission is highly appreciated and would be valuable to this Special Issue.

Guest Editor

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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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