



materials



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Dental Materials and Devices

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Message from the Guest Editor

Dear Colleagues,

The aim of this Special Issue is to provide the latest information on dental materials, especially in polymeric and composite materials, dental alloys, titanium and titanium-based alloys used for prosthetics, restorative and implant dentistry, and devices such as machining and 3D-printing in dentistry. Topics in this Special Issue include, but are not limited to: the development of dental materials and their mechanical properties and surface properties; the method of material design for improving biological and mechanical properties; the evaluation of mechanical and biological properties of machined and 3D-printed materials; and performance evaluation of machining and 3D-printing devices. Original articles in vitro and in vivo, clinical studies, case reports, communications and reviews are all welcome.

Prof. Dr. Hong Guang

Guest Editor



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Special Issue



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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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