Special Issue

Research Progress in Functional Dental Materials

Message from the Guest Editors

Dental materials are man-made materials that are used in dentistry to restore or replace tooth structure to maintain or improve the quality of life of dental patients. Dental materials can be classified as restorative materials, preventive materials, and auxiliary materials, and their characteristics vary according to their intended purpose. In recent years, with the development of dental materials, in addition to improvements in the basic properties—such as mechanical properties, hydrolysis resistance, color stability, etc.—of dental materials, many other functions such as antibacterial, protein repellent, self-healing, remineralization, etc., have been introduced into dental materials to meet the clinical requirements. In this Special Issue, we intend to collect recent reports of advancements in functional dental materials. Research articles, review articles, and short communications related to this topic are welcome.

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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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