Special Issue

Mechanical Behavior of Dental Materials

Message from the Guest Editor

One of the main requirements of dental materials in service is that mechanical properties are suitable to the task. Dental materials can be classified into several categories according to different clinical purposes, so the requirements for mechanical properties are also different. Therefore, it is necessary to understand the behavior of different dental materials under specific mechanical challenges in the oral environment and know how to optimize it to face the clinical requirement. This Special issue is intended to collect recent advances in the mechanical behavior of dental materials. Research articles, review articles, and short communication concerned with mechanical characterization of novel dental materials, new mechanical testing methods, improvement of mechanical properties, and analytical and modeling studies of dental materials are all welcome.

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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