Special Issue

New Materials and Their Applications: Perspectives in Restorative Dentistry and Endodontics

Message from the Guest Editors

Recently, new dental materials have been emerging in large numbers, greatly promoting the development of restorative dentistry and endodontology, and bringing new possibilities into clinical practice. These dental materials incorporate synthetic polymers, modified adhesives, metals, bioceramics, pulp-capping agent, root filling or repair materials, and so on, all of which could be applied in caries prevention, esthetic restoration, pulp capping, pulp regeneration, and nonsurgical or surgical endodontics. Compared to conventional materials, the forefront dental materials may have advantages with regard to their structure, physical and chemical properties, mechanical strength, biological performance and long-term clinical outcomes. This Special Issue is open to original articles, reviews and clinical studies focusing on these topics, with emphasis on the latest advances in restorative dentistry and endodontology.

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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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