Special Issue

Latest Materials and Technologies in Dentistry

Message from the Guest Editors

All the fields of modern dentistry have been revolutionized by the introduction of new materials and the application of new technologies. Intraoral scanners are widely used in the fields of prosthodontics, implantology and orthodontics, increasing patient acceptance and reducing the operative time. New types of glass ceramics and polycrystalline ceramics with improved mechanical and aesthetic properties are spreading the use of monolithic restorations both on teeth and implants. A variety of planning software in orthodontics and implantology are allowing the clinicians to previsualize the operative steps and properly determine the treatment plan with an always greater patient customization. New endodontic instruments alloys, irrigant activation systems and cements are simplifying the endodontic treatments, thus reducing the operative time. The introduction of new advancements and technologies in dentistry necessitates constant research and updates in all the branches of dentistry. This Special Issue intends to cover all the basic and clinical research facing the abovementioned topics.

Guest Editors

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Message from the Editorial Board

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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