Special Issue

New Materials and Techniques for Orthodontics

Message from the Guest Editors

New materials and techniques that are frequently introduced in daily clinical practice need continuous study and research. Accordingly, the purpose of the present Special Issue is to collect current research about the materials used in clinical orthodontics. Possible research topics include but are not limited to: adhesives, aligners, archwires, bond strength bonding interfaces, brackets, CAD/CAM, caries prevention, composites, digital impressions, digital workflow, elastodontics, fiber-reinforced composites, fixed appliances, lingual appliances, miniscrews, multi-disciplinary treatment, oral microbiology, retention, and skeletal anchorage. Additionally, materials that could influence behavioral science or patients' compliance and radiography techniques may also be taken into consideration. Analyses of the chemical, physical and mechanical characteristics of orthodontic materials, along with basic and translational research studies, mechanical analyses, clinical trials and reviews will be considered for publication.

Guest Editors

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About the Journal

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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