Special Issue

Novel Biomaterials in Interceptive Orthodontics

Message from the Guest Editors

Malocclusion is one of the most common oral diseases reported by the World Health Organization (WHO), affecting millions of children and adolescents and potentially leading to severe disturbances in dental and maxillofacial function, facial appearance, and growth. It has been extensively proven that severe malocclusions can affect psychological domains in young patients and influence social relationships with peers. Early treatment of malocclusion can create a good dental and maxillofacial relationship, addressing normal development from the very early stages of maxillofacial growth, thus reducing or even completely eliminating the future need for further orthodontic interventions. In addition, early orthodontic treatments lead to better and more stable results than those achieved with delayed treatments. However, preventive and interceptive orthodontics are still significant challenges, even for experienced orthodontists. Nonetheless, great research advancements in the field of biomaterials and three-dimensional technologies continuously provide clinicians with novel diagnostic tools and more preforming appliances and devices.

Guest Editors

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Dr. Rosaria Bucci

Prof. Dr. Ersilia Barbato

Deadline for manuscript submissions

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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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