Special Issue

Current and Future Trends in Orthodontic Materials

Message from the Guest Editor

Orthodontic materials are significantly different from general dental materials. Orthodontics, indeed, can be considered a totally separate world in the universe of dentistry. The orthodontic community is a dynamic family which is always enthusiastic about the introduction of new orthodontic materials and new technologies or procedures. Unfortunately, innovative materials are sometimes advertised and promoted without a solid scientific base. Literature on new materials is often produced only after the product's commercialization, confirming or not a real innovation from a clinical perspective. The latest trends in orthodontic materials are focused on aligners, miniscrews for orthodontic skeletal anchorage, orthodontic fixed materials as brackets and wires, and, finally, digital technology, such as 3D printings. The aim of this Special Issue is to enrich the literature of quality studies regarding the more recent innovations around orthodontic materials and to provide a substantial contribution about the most promising procedures in the orthodontic discipline for the near future.

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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