Special Issue

New Materials and Technologies in Orthodontics

Message from the Guest Editors

Digital Technology has drastically changed all fields of medicine. Dentistry and Orthodontics have been significantly affected by the introduction of new technologies and new materials (e.g., Technopolymers). Orthodontic diagnosis and treatment planning have been improved using CBCT. Nowadays, all patient's records can be collected in a digital support with the introduction of intra and extraoral scanners. Digital models of the patient's arches can be used for diagnostic purposes and CAD software can simulate and forecast treatment results. Digitalization has led to a better individualized Orthodontic treatment improving efficiency and efficacy of the treatment itself. All new digital technologies and new materials offer great research opportunities due to the lack scientific description and validation of the newest diagnostic tools with its relative workflow procedures.
Therefore, it is my great pleasure to invite contributors and experts in various applications of digital orthodontics to contribute to this emergent issue.

Keywords:
Digital Workflow
CBCT
Digital impression
3D printing
Digital Smile Design
Orthodontic Aligners

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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