Special Issue

Innovative Approaches in Orthodontics Diagnostic and Dental Treatment

Message from the Guest Editors

Recent research aims to advance orthodontic and dental treatment, leveraging dental science, digital techniques, and innovative materials. In a diverse field without clear clinical guidelines for commercially available products, studies on novel materials are crucial. The special issue invites papers on innovations in dental and orthodontic diagnosis and treatment, including topics like mechanical properties of modern materials, novel diagnostic and treatment methods, 3D analysis of orthodontic tooth movement, and digital treatment planning. Potential topics encompass novel approaches to orthodontic diagnostics and treatment planning, modern methods for detecting and treating dental caries, intraoral scanner applications in conservative dentistry, innovative strategies for caries complications, preventive measures, CBCT in orthodontic treatment planning, and the use of 3D software for monitoring orthodontic treatment. Keyword: orthodontic diagnostics; treatment planning; dental materials; digital methods; dental treatment; caries prevention

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Message from the Editor-in-Chief

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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