

Special Issue

Advances in Orthodontic Diagnosis and Treatment: Methods and Applications

Message from the Guest Editors

The last two decades have marked a decisive change in orthodontics. Technical and technological development, driven by the growing demand for a digital workflow, is increasingly moving towards the concept of “precision orthodontics”, applicable to both diagnostic and therapeutic aspects, with the aim of improving treatment efficiency. This Special Issue focuses on the current state of advancement in diagnosis and treatment in orthodontics, as well as on challenges that will certainly benefit from translational research. Articles dealing with topics such as digital, precision, and customized orthodontics, artificial intelligence, teleorthodontics, clear aligners, 3D printing, virtual treatment planning, CAD/CAM technology, and translational research are welcome. In particular, we look forward to receiving research articles, systematic and comprehensive reviews, and case reports. We hope that many of you will participate, embracing the belief that sharing methods and applications can enhance the attractiveness and efficacy of the wonderful discipline of orthodontics.

Guest Editors

Dr. Rosanna Guarnieri
Prof. Dr. Vincenzo D'Antò
Prof. Dr. Ersilia Barbato

Deadline for manuscript submissions

closed (20 December 2025)



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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.

Editor-in-Chief

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