Special Issue

Advance of the Mechanical Properties of Dental Materials

Message from the Guest Editors

In the oral environment, restorative, prosthetic materials and appliances are exposed to chemical, thermal and mechanical challenges. The mechanical properties of a material define how it responds to the application of a physical force. Recent advances in nanotechnology and 3D printing have rapidly spread and manufacturers continuously develop new materials and solutions to provide high-quality dental care with particular attention in the long-term follow-up. Restorative, prosthodontics, oral surgery, implants, periodontology, and orthodontics are all involved in this continuing evolution. This Special Issue focuses on all the recent technology that can enhance the mechanical properties of materials used in all the different branches of dentistry. For this purpose, we invite you to submit original research articles and systematic reviews to any of the topics mentioned above.

Guest Editors

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Deadline for manuscript submissions

closed (30 June 2022)

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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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