Special Issue

Additive Manufacturing of Polymer Composites for Dental Application

Message from the Guest Editor

Various polymer materials have wide applications in conservative and prosthetic dentistry, which until recently, were mostly manufactured in an analogue or subtractive way. As additive manufacturing is utilized in the dental field, it has become possible to fabricate composite and ceramic materials using 3D printing. The additive way of production also allows for the manufacturing of hybrid composite-based materials with ceramic particles. The 3D-printed ceramics and hybrid composite-ceramic materials provide new treatment approaches, as they make it possible to produce very fine and thin restorations that measure up to 0.1 layer thick, which was not possible in a subtractive way. This allows us, in some cases, to make the treatment less invasive. Recently, there have been some reports on the clinical application of 3D-printed composite, ceramic and hybrid materials for conservative dentistry and prosthodontics, which provide a direction for deeper research on this topic. This Special Issue aims to highlight the advantages of 3D-printed composite, ceramic and hybrid restorations and to discuss their potential limitations.

Guest Editor

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Message from the Editor-in-Chief

Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.7.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

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