Special Issue

Polymer Composites with Reinforcement for Dental Applications

Message from the Guest Editors

Current recommendations for minimally invasive dentistry place great demands on dentistry materials. One approach to creating fiber-reinforced polymer (FRP) composites is mixing the composite base with nanometric or micrometric electrospun fibers. Electrospun nano- and microfibers possess many functional properties including a high aspect ratio and molecular orientation, large specific surface area, small pore size, and excellent mechanical performance. Additionally, they can be combined with various nanoparticles (antibacterial, antifungal, and antiviral), enhancing the performance of future composites in medical field applications, in particular. This Special Issue aims to highlight progress in dental material science. The creation of new materials or modification of present materials aims to improve their mechanical, physical, or microbiological properties. However, this Special Issue is not limited to the above topics and will consider publishing all studies connected with novel materials and their application in dentistry.

Guest Editors

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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

Prof. Dr. Alexander Böker
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