

Special Issue

Surface Modification for Biopolymer Composites

Message from the Guest Editors

Biopolymers and composites are widely applied in numerous biomedical fields, such as dental and medical, tissue engineering, and regenerative medicine applications. However, the surface of these materials requires further modification to improve their biocompatibility in vivo. Hence, there are multiple methods of surface treatment that can be used to enhance the performance characteristics of device components. This Special Issue focuses on leading developments of biopolymer composites with predetermined properties, including, but not limited to, antibacterial or cytotoxic properties using laser, ion implantation, plasma, and grafting. Papers that introduce new elements (e.g., nanoparticle, graphene, or others) to the surface layers of a polymer substrate with various techniques are very suitable for this Special Issue. This Special Issue also aims to cover different emerging fabrication techniques and newly developed materials in combination with enhanced surface modification techniques. Both research and review papers are welcome.

Guest Editors

Prof. Dr. Jen-Chang Yang

Prof. Dr. Pei-Wen Peng

Prof. Dr. Wei-Fang Lee

Deadline for manuscript submissions

closed (20 November 2022)



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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 4.9.

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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