

Special Issue

Polymer Materials for Bioprinting and Tissue Engineering

Message from the Guest Editors

This Special Issue is concerned with the structure, properties, and applications of polymer materials, including bioresorbable and bioinert polymers and bioactive materials for use in tissue engineering applications. Topics may include structural features, microstructures, the relationship between structures and properties and biomedical characteristics, tailored-architected scaffolds, biomimetic structures, mechanical properties, bioprinting, and bioactivity. Articles in this Special Issue may also address bioactive materials such as hydrogels, biocomposites, smart polymers, shape memory polymers, bioimplants, tissue/cell engineering devices, tissue reconstruction, polymers for bioprinting, and cell-biomaterial interactions. Contributions should focus on fundamental results, mechanisms, and applications that will help to compile the current state of the art and to highlight their range of applications. Both original contributions and reviews are welcome.

Guest Editors

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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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