

Special Issue

Microfluidic-Assisted Synthesis and Modification of Polymeric Materials

Message from the Guest Editor

The exquisite control of the dynamics of fluids at the micrometer and sub-micrometer scale in microfluidic devices has opened the door for the highly precise synthesis and modification of polymeric materials such as microparticles or biomimetic materials substrates. This special issue focuses on emerging efforts to utilize microfluidic technology in combination with polymer chemistry and physics to build advanced materials with tailor-made properties such as size, shape, elasticity, bioactivity or degradation kinetics. These systems hold great promise for biomedicine as they could overcome key materials challenges imposed by applications in drug delivery and tissue engineering.

Guest Editor

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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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