

Special Issue

Functional Polymeric Systems for Advanced Industrial Applications

Message from the Guest Editors

Functional polymeric systems constitute of a diverse family of novel molecular architectures which include conjugated porous polymers, organic-inorganic hybrid oligomeric/polymeric materials, supramolecular polymers and self-assembled networks, as well as metal ligated polymers. Those polymeric systems with multi-dimensional morphologies and particular physiochemical properties, which includes external stimuli responsiveness, could be prepared by different synthetic strategies such as general polymerization, organic and supramolecular approaches, as well as diverse manufacturing procedures such as the sounded 3D/4D printing.

- Synthesis of polymeric materials;
- Instrumental characterization of polymeric materials;
- Physical/chemical properties of polymeric materials;
- Theory and simulation of polymeric materials;
- Advanced manufacturing of polymeric materials;
- Processing and performance of polymeric materials;
- Advanced industrial applications of functional polymeric systems.

Guest Editors

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Deadline for manuscript submissions

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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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