

Special Issue

Photoactive Polymer Materials

Message from the Guest Editors

Stimuli-responsive polymers play an important role in both fundamental research and many modern technologies, ranging from energy and catalysis to medical applications due to their unique physicochemical properties. Light-responsive polymers (commonly refereed as photoactive polymers) are especially desired because the parameters associated with irradiated light and various photo-triggered chemistries fine-tune their functionality. Changes in both structural and chemical properties can be induced internally by chromophores already possessed by the polymer subunit, or externally by the addition of photosensitive molecules. This Special Issue aims to cover the most recent developments on photoactive polymeric materials, with a focus on their synthesis, characterization and applications in various fields. Submissions of full-length articles, communications and reviews are invited. SI link: https://susy.mdpi.com/special_issue/process/1090821

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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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