

Special Issue

Stimuli-Responsive Polymers: Advances and Prospects

Message from the Guest Editors

Stimuli-responsive polymers are materials that can respond to the presence of, or changes in, either internal or external stimuli, such as temperature, environment pH, ionic strength, electromagnetic radiation, electric/magnetic fields, etc. In response to these stimuli, the polymer material would change its properties chemically, physically, and/or mechanically, including but not limited to shape, molecular assembly, and strength/stiffness. By tuning the magnitude of the stimuli, the response extent can be tweaked; thus, a tunable stimuli-responsive platform will be built up. This Special Issue will present recent developments in stimuli-responsive polymer materials and their applications in various areas, such as biochemistry with drug delivery and cell manipulation. Authors are encouraged to submit various types of articles (comprehensive reviews or research articles) that focus not only on developing novel stimuli-responsive polymer materials with precise control but also explore their applications as a tunable platform in interdisciplinary areas.

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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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