

Special Issue

Study of Stimuli-Responsive Polymers

Message from the Guest Editor

Stimuli-responsive polymers, also called smart polymers or stimuli-sensitive polymers, as well as environmentally responsive polymers or intelligent polymers, are macromolecular materials that are sensitive to external stimulus, such as pH, light, temperature, electrical, or magnetic fields, etc. When stimulated by external stimuli, the microstructure of the materials changes (e.g., the molecular bond cleavage or rearrangement, and molecular motion), followed by changes in their macroscopic properties (e.g., shape, color, or functionality).

The aim of this Special Issue is to highlight the progress on design, synthesis, properties, and applications of stimuli-responsive polymers.

Guest Editor

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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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