

Special Issue

Stimuli Responsive Polymers, from Solution to Materials

Message from the Guest Editor

Polymer with stimuli responsive properties present a lot of application in fields from biomedicine to oil production. It is often a challenge to polymerise such kind of polymers and to study there properties as a function of there stimuli which could be temperature, pH, salt, light or shear... The conception of different materials such as solid materials or hydrogels with the help of stimuli responsive polymers could have a really interesting impact on their properties.

This special issue will cover recent advances on stimuli responsive polymers from there design to their large panel of applications in solutions, hydrogels or solid materials passing by their structure, their association and their properties in solution or in solid state.

Structure and properties of materials using stimuli-responsive polymers could be trigger by different stimuli such as pH, light, temperature, salt, magnetic field, shear... Submitted manuscripts will be fast-track reviewed. Research articles, review articles, perspectives, and communications and letters are also invited.

Guest Editor

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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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