

Special Issue

Photoresponsive Polymeric Materials

Message from the Guest Editors

Functional polymers having a programmed response to light have emerged as promising materials of interest in different applications mainly related with optical technologies or light triggered delivery systems. The design of photoresponsive polymers requires of photosensitive moieties that might go through any modification on their chemical structure by irradiation with proper light. Polymers based on coumarin, ortho-nitrobenzyl, spiropyran or azobenzene derivatives are representative examples of these materials. Initial research was boosted by the envisaged applications on optical storage, although recent applications on actuators for soft robotics or light controlled and triggered drug-delivery of polymeric nanocontainers have attracted attention of polymer and materials research community.

Guest Editors

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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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