

Special Issue

Photo-Responsive Polymers

Message from the Guest Editors

This Special Issue addresses encompasses the study, modelling and design of photo-polymer processes, materials and their applications. This hot topic is driven by the successful development of UV curable adhesives, photoalignment and photopatterning, photomechanical effects, the production of holographic element for electromagnetic and matter waves and the generation of novel biomedical devices. In some cases, such materials are easily more used, e.g., processed/cured, while in others they may be biocompatible or reproduce physical or biological function. Recent advances have also been driven by the need to find new ways to solve existing technological and scientific challenges. Such situations may require some particular combination of material performance characteristics, e.g., transparency, permeability, weight, compatibility, and/or low cost.

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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 4.9.

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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