

Special Issue

Development in Photoactive Polymeric Materials

Message from the Guest Editor

Photoactive polymeric material refers to a type of polymer which can transmit, absorb, store and convert light, thus demonstrating various special properties. From the perspective of their action mechanisms, they can be divided into photophysical materials and photochemical materials. In recent years, photoactive polymeric materials have attracted wide attention and shown high application potential. This Special Issue covers all photoactive polymeric materials, including but not limited to photocrosslinking, photodecomposition, photopolymerization, photoisomerism, photocatalysis, nonlinear optics, optoelectronics and other aspects related to polymers. Articles concerning the synthesis, characterization, mechanisms and application of new photoactive polymeric materials all fall within the scope of this Issue. Applications encompassed may include, but are not limited to, 3D printing, photoactive biomedical polymers, photo-responsive polymer, photosensitive coatings, photoresist, photostabilizers, polymer fluorescent, organic solar cells, photothermal conversion, photoconductive polymer, photochromic polymer, optical sensing, etc.

Guest Editor

Dr. Chun Cao
School of Mechanical Engineering, Hangzhou Dianzi University,
Hangzhou 310018, China

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Polymers
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
polymers@mdpi.com

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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

Fraunhofer-Institut für Angewandte Polymerforschung, Lehrstuhl für Polymermaterialien und Polymertechnologie, Universität Potsdam, Geiselbergstraße 69, 14476 Potsdam-Golm, Germany

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