

Special Issue

Polymeric Materials for Optical Applications

Message from the Guest Editors

This Special Issue focus on the current state-of-the-art of polymeric materials for optical applications. The use of polymeric materials in optical applications is widespread, ranging from conjugated polymers for photovoltaics and optical (LED) devices, to optical sensing, bioimaging with dye-labelled polymers, nonlinear optics, light harvesting, different optical components and materials for structural color. Papers are sought that discuss the latest research in the area or summarize selected areas of the field. The scope of the Special Issue encompasses the synthesis and characterization of polymers used for optical applications, including polymer chains, gels, polymer nanoparticles, polymer based nanocomposites and hybrid assemblies. Of particular interests are new structures and functions resulting from the synthesis and processing of polymer materials featuring specific interactions with light, and new insights on the structure-optical properties relationships leading to enhanced functionality.

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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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