

## Special Issue

# Advances in Photopolymer Materials

### Message from the Guest Editors

Photopolymerization has emerged as a promising method for creating advanced materials and is now widely used across various domains including dentistry, coatings, inks, microelectronics, medical applications, and adhesives. Innovation in the discipline of photopolymerization has led to the creation of novel photosensitive resins through the careful selection and combination of photo-initiators, monomers, oligomers, additives, and fillers. These resins are being adapted for new applications, including 3D/4D printing, composite manufacturing, and biomedical devices. In support of this rapidly evolving field, *Polymers* invites submissions to a Special Issue titled “Advances in Photopolymer Materials,” which welcomes research articles and reviews related to the development of novel photo-initiators, photosensitive formulations, and photopolymer-based materials. Studies on the comprehension of photoinduced mechanisms under light exposure using Electron Paramagnetic Resonance, laser flash photolysis, or fluorescence are also welcome.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 January 2026)



## Polymers

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## About the Journal

### 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.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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