Special Issue

New Photoinitiators: Design, Characterisation, and Applications with a Focus on Copolymerizable Systems

Message from the Guest Editor

Photoinitiators play a crucial role in photopolymerization processes and have become indispensable in various high-performance applications, ranging from coatings, adhesives, and inks to biomedical and 3D printing technologies. In recent years, copolymerizable photoinitiators have garnered increasing attention due to their ability to become part of the polymer matrix, thereby reducing migration, improving mechanical stability, and enhancing overall system performance. The aim of this Special Issue is to present the latest achievements in the fields of design, synthesis, and characterization of new photoinitiators, with special emphasis on copolymerizable systems and their applications. This Special Issue is dedicated to researchers from academia and related industries; we encourage the submission of original research articles, communications, and comprehensive reviews that explore the evolving landscape of photoinitiator development and their applications in one-, two-, and multi-component photoinitiating systems.

Guest Editor

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Deadline for manuscript submissions

31 December 2025

Polymers

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed

mdpi.com/si/240152

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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 4.7.

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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