Special Issue

Polymer-Based Adhesives: Preparation, Characterization and Applications

Message from the Guest Editors

The most commonly used polymer-based adhesives are liquid chemical sealants, which usually form a bond with the substrate through a chemical reaction involving either solvent evaporation or cross-linking triggered by external stimuli such as temperature or radiation. However, such adhesives mostly show poor physicochemical properties and stability (thermal stability, thermal conductivity, adhesive force, and so on), resulting in inferior performance in practical applications. Therefore, it is essential to further summarize and discuss polymer-based adhesives with high performance. This Special Issue focuses on polymer and polymer-based composite adhesives that have excellent physicochemical performance, as well as advanced applications for short- and long-term utilization. The list of keywords below provides a general description of the topics covered, which can be helpful in preparing your submission. However, manuscripts related to this field are also welcome, even if they do not include these specific keywords.

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Deadline for manuscript submissions

31 August 2025

Polymers

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed

mdpi.com/si/212324

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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

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