



Polymer-Based Hydrogel Materials

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Message from the Guest Editors

The aim of this Special Issue is to publish the most significant advances in current hydrogel science and technology, with particular focus on novel hydrogel synthesis methods and advances in the design and use of hydrogels for biomedical applications. Papers providing previously unknown fundamental insights into hydrogel behaviour are also welcome.

We hope that this Special Issue will act as a compendium of the most recent developments in hydrogels for biomedical applications, and a resource for scientists working towards further advancements in hydrogel polymer science.

The scope of the Special Issue includes the following.

1. Bio-hybrid polymer design.
2. 3D printed hydrogel scaffolds.
3. Responsive hydrogel materials.
4. Hydrogel materials for controlled delivery.
5. New and innovative technologies for hydrogel development.





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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 5.0.

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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