

Special Issue

Hydrogel-Based Composites for Biomedical Applications

Message from the Guest Editor

Hydrogels are crosslinked, highly hydrophilic polymer networks widely used in a variety of biomedical applications, from tissue engineering to drug delivery. By adjusting polymerization conditions or molecular weight, hydrogel mechanical properties are highly tunable. When incorporating materials ranging from nanoparticles to sensors, hydrogel composites can be formed such that the properties of the whole composite are improved over that of the individual components. These range from improved mechanical and optical properties to self-healing and sensor abilities. This Special Issue focuses on such hydrogel composites.

Guest Editor

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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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