Special Issue

Functional Gels and Biopolymers

Message from the Guest Editors

Gels and biopolymers are widely researched topics of interest, based on their superior biocompatibility andunique functionalities. Based on the material design and processing methods to prepare the materials, various functionalities (e.g., biocompatibility, biodegradability, rheological characteristics, ionic and electrical conductivity, flexibility and stretchability, and stimuli-responsive properties) can be successfully tailored, with a broad impact on research fields such as tissue engineering, drug delivery, wound dressings, sensors, electrolytes, and flexible/stretchable devices. The scope of this Special Issue is not limited to specific materials or applications, but is open to various approaches and investigations on material design, chemistry and synthesis; material characteristics; processing; and applications of various functional gels and polymeric materials. **Keywords:** gels; biopolymers; sustainable polymers; functional polymers and composites; gelation and post-processing; additive manufacturing (3D printing); biomedical applications; energy applications; flexible and stretchable devices; sensors

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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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