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Biopolymers in Biomedical, Environmental and Food Applications

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

It is a well-known fact that biopolymers have gained importance in day-to-day life, due to their specific properties (biodegradability, biocompatibility, renewability and inexpensiveness). Specifically, smart biopolymers are responsive to stimuli, such as temperature, pH, magnetic and electrical fields, chemicals, mechanical stress, and light, which is a characteristic property that enables them to be used for a wide range of applications. This Special Issue focuses on the recent advances in the fabrication and characterization of novel smart and functional biopolymer materials, as well as their biomedical, environmental and food applications. We would like to invite you to submit your latest research, in the form of original full articles, communications, or reviews, on this topic.

Dr. Shuai Peng
Guest Editor



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Special Issue



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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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