

Special Issue

Potato Starch and Others Polysaccharide Hydrocolloids: Analysis, Modifications and Applications

Message from the Guest Editor

Starch is one of the most widely used polysaccharide hydrocolloids. Its enormous application potential is related to its structure and properties, which in turn depend on many factors, including botanical origin, starch processing conditions, or the degree of its modification. The use of starch in the food and non-food industries is due to the ability to modify the viscosity and texture of starch solutions and to form gels and films by binding water to starch. Although much work has been done on the subject of starch, its application possibilities still have yet to be fully appreciated. Due to the instability of starch during processing, native starch does not always meet the expectations of producers. Starch gels are especially sensitive to temperature, pH, and shear changes. One way to modify starch is to mix it with other hydrocolloids. The synergistic effect of various hydrocolloids is often sought after in the food and non-food industries.

This Special Issue aims to present the progress of groundbreaking research into the analysis, modification, and application of potato starch and other polysaccharide hydrocolloids.

Guest Editor

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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 4.9.

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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