Special Issue

Polymeric Materials for Food Engineering

Message from the Guest Editor

Food polymers are classified into three main categories, namely, plant-based polymers (starch, dietary fibre, and cereal protein), animal-based polymers (mainly proteins), and microorganism-based polymers used in food systems. Regarding the food engineering field, intelligent packaging is one of the most debated applications of polymer materials, considering their possible formulation to better preserve food quality by prolonging the shelf-life. Also, they may serve as an aid in food processing and improve food characteristics like attractiveness, with an important role in food structure and food functional properties. The Special Issue aims to increase the knowledge in the area of polymer materials in food engineering and their applications, and to provide a forum for research articles and reviews on current advances in the development of food engineering polymers, including their design, processing, characterization and nano-/micro-structures; the relationship between the structures and functionality; new technologies related to food packaging and characterization; and prospective applications.

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 4.7.

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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