



polymers



Special Issue Reprint

Application of Polymers in Food Sciences

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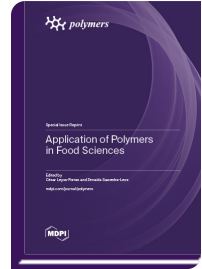
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This reprint focuses on the innovative application of polymers in the development and preservation of food products. The contributions are organized into two key themes. The first theme explores practical applications, such as the extraction of biopolymers for use as protective films, the development of biopolymer-based packaging, and the integration of sensors that detect food deterioration. The second theme delves into the utilization of biopolymers and polysaccharides as carrier agents for microencapsulating active ingredients, the creation of functional foods, and optimizing storage conditions to extend shelf life. These studies collectively highlight the cutting-edge advancements in polymer applications in the food industry.



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