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Application of Food Hydrocolloids for Hydrogels and Packaging

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Deadline for manuscript
submissions:

closed (30 April 2024)

Message from the Guest Editors

Dear Colleagues,

Food hydrocolloids, such as polysaccharides and proteins, have received great interest due to their edibility, sustainability, biodegradability, and biocompatibility. The use of hydrogels as delivery carriers of additives and nutrients has attracted much attention from researchers.

In this Special Issue, we encourage the submission of research, short communications, or review articles providing state-of-the-art knowledge on hydrocolloid-based hydrogels or packagings. Research areas may include (but are not limited to) the following: design and characterization of polysaccharide or protein-based hydrogels; encapsulation and delivery of additives or bioactive substances; changes in the structure of the gels and related release during storage and digestion; as well as the potential applications in food packaging, smart packaging and intelligent packaging. Articles representing results of the characterization of food hydrocolloids that have potential as food packaging are also welcome. Moreover, work on the shelf life of packaged food products, storage physicochemical stability during shelf life, and sensory changes during food storage will also be well received.



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Special Issue



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Message from the Editor-in-Chief

Foods (ISSN 2304-8158) is an open access and peer reviewed scientific journal that publishes original articles, critical reviews, case reports, and short communications on food science. Articles are released monthly online, with unlimited free access. Currently, *Foods* has been indexed by the Science Citation Index Expanded (SCIE - Web of Science), PubMed, and Scopus. Our aim is to encourage scientists, researchers, and other food professionals to publish their experimental and theoretical results as much detail as possible. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global food science community.

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