



Recent Advances in Smart and Nanostructured Bioactive Food Packaging Systems

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Message from the Guest Editors

Food products are highly susceptible to microbial contamination that may affect their quality attributes and reduce their nutritional value. Over the past two decades, nanotechnology has been investigated as a promising strategy to enhance the performance of bio-based films and coatings in preserving food quality through the development of nanocomposite materials, as well as nanoencapsulated and multilayered/nanolaminate delivery systems. These innovative packaging systems have the potential to modulate the release of the entrapped bioactive agents, which may maintain their concentrations at a critical level for microbial growth inhibition over long periods of storage.

In this context, we are organizing a Special Issue entitled “Recent Advances in Smart and Nanostructured Bioactive Food Packaging Systems” in *Polymers*.

This Special Issue focuses on the latest progress in the development of smart packaging systems and nanostructured materials incorporating bioactive compounds and their application for preserving food quality. You are sincerely invited to submit your latest research in the form of original full articles, communications, or reviews on this topic.





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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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