Special Issue

Postharvest Application of Edible Coatings on Fruits and Vegetables

Message from the Guest Editors

The post-harvest loss of fresh fruits and vegetables is estimated to be 20-30%. Among the different technologies, edible coatings (ECs) seem to be a promising discovery, as they can maintain the high-quality standards by inhibiting metabolic activities, limiting microbial spoilage and allowing fruits to have a prolonged shelf life. An EC consists of a thin layer of edible film applied to the surface of a food product to preserve its freshness by modulating the permeability of water vapor, O2 and CO2, which maintains the flavor, texture and nutritional value of food and also provides effective protection against bacteria. In addition, edible coatings can also serve as possible carriers for a wide range of food additives, including essential oils and nutrients that not only extend the shelf life of products, but can also improve their safety and acceptability. Finally, further interesting aspects in the use of ECs include the possibility of recycling industrial by-products with the concomitant goal of managing less waste and reducing plastic pollution, which is one of the most serious threats to our planet. Welcomes contributions by researchers for research topics.

Guest Editors

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

Horticultural plants and their products provide sustenance, health, and beauty. A confluence of factors is putting increasing pressure on horticultural production to evolve, and innovative research is addressing these challenges. *Horticulturae* provides a venue to communicate research results in a rapid manner with open access, allowing everyone the opportunity to stay abreast of leading research addressing horticulture. I invite you to consider publishing the results of your research in this high quality, peer-reviewed journal.

Editor-in-Chief

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