

Special Issue

Advances in Modified Atmosphere Packaging and Edible Coatings

Message from the Guest Editors

Food packaging marks an important landmark in the evolution of mankind. Food packaging is a type of technology that protects food against physical, chemical, and biological harm. In recent years, the box has become the product's face. It is a proven fact that, when fresh foods are coated with an edible coating and packed inside a modified atmosphere, the permeability of the packaging gets reduced, degradation of the foods becomes delayed, and food qualities (including aroma flavour texture) improve. Scientific contributions, which prevent food waste and contribute to carbon emission neto zero, are the future solutions of the food industry. We are pleased to invite you to publish to the Special Issue "Advances in Modified Atmosphere Packaging and Edible Coatings". In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: active and intelligent packaging with modified atmosphere, bio-based, biodegradable, and edible coatings. We look forward to receiving your contributions.

Guest Editors

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Deadline for manuscript submissions

closed (20 August 2024)



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About the Journal

Message from the Editorial Board

Now more than ever, research is asked to deliver knowledge and technologies to solve the major challenges faced by our society. The development of new materials and devices for (without the ambition to be exhaustive) energy, health and food technology, together with the need for establishing processes that reduce the impact on critical resources and the environment, is indeed in the spotlight of most contemporary research. Surface science and engineering play a key role in this regard, with an incredible potential in delivering new and deep scientific understanding and technical solutions essential to solve most of the major societal challenges.

Coatings is a well-established, peerreviewed, online journal dedicated to the vibrant field of surface science and engineering. Coatings publishes original research articles that report cutting-edge results and review papers that make the point on the hottest research topics.

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