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Food Packaging and Shelf Life

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Message from the Guest Editor

Innovative packaging technologies, such as modified atmosphere packaging, active packaging, and smart and intelligent packaging, have allowed to extend shelf-lives, reduce the rate of quality loss and increase the safety of packaged foods. Despite the importance and key role of packaging in the modern food system, packaging has a negative impact on the environment by representing the major cause of municipal waste stream. Recent advances in biotechnology, nanotechnology and material science are offering new possibilities for developing food packaging materials able to address increasing consumer preferences and industry demands for more sustainable and cost-effectiveness packaging. Food packaging and shelf-life meet the needs of material scientists, food chemists, technologists and microbiologists in the food packaging and shelf-life area.

Keywords: Food packaging material development; Physical & chemical properties of food packaging materials; Polymer, glass, metal and paper packaging systems; Nano packaging; Packaging sustainability; Shelf life of packaged food products;



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Special Issue



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Message from the Editor-in-Chief

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