

Special Issue

Advanced Biodegradable Polymers and Composites for Food Packaging

Message from the Guest Editors

There is an urgent need for the formulation and development of innovative and multifunctional systems based on biopolymers (e.g. polycaprolactone, polylactide, polyhydroxyalkanoates, carbohydrates, proteins, etc.) and natural and synthetic additives, both inorganic (e.g., calcium phosphates (CaP), silica, calcium carbonate, nanoclays, etc.) and organic (e.g., agro-food byproducts, natural extracts, polyphenols, etc.), in order to provide improved performance, in terms of mechanical reinforcement, and antioxidant and antimicrobial features for potential applications in the food packaging sector. The present Special Issue on “Advanced Biodegradable Polymers and Composites for Food Packaging” is focused on the recent progresses in the development of food packaging materials including, but not limited to, innovative biodegradable polymers, multifunctional composites, encapsulation systems, fibers, and agro-food waste-derived systems. We invite you to submit research articles or reviews on the latest research work in this sector, that emphasize and highlight applications in the food packaging sector.

Guest Editors

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Deadline for manuscript submissions

closed (31 October 2020)



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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 4.9.

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.

Editor-in-Chief

Prof. Dr. Alexander Böker

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