

Special Issue

Polymer Packaging Materials: Design, Synthesis and Applications

Message from the Guest Editors

Polymers are a primary choice for packaging food, medical, and other engineering products. Though their outstanding barrier properties, mechanical properties, and lower cost make them preferable to other alternatives, there are serious concerns raised due to the detrimental effects caused by their disposal and degradation. In addition to these problems, there have been rising alarms for their interaction, primarily when used for packaging food products. Globally, there has been a strong drive to reduce and recycle used packaging material. While this requirement may or may not be immediately achievable, academicians and industrialists conduct cutting-edge research to design sustainable polymeric materials that have less impact on the environment. Consequently, many biopolymers and synthetic polymers are invented with or without different additives that can accomplish the aforementioned goals. This Special Issue welcomes research on structure–property relationships of novel polymers, including biopolymers or conventional polymers with new additives used for packaging applications.

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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 4.7.

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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