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Advances in Structure-Property Relationship of Polymer Materials

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Message from the Guest Editors

Polymer materials, comprise polymer compounds such as the matrix and other additives (auxiliaries). Polymer materials are divided into rubbers, fibers, plastics, polymer adhesives, polymer coatings, and polymer matrix composite materials according to their characteristics. According to the classification of material application functions, polymer materials are divided into three categories: general polymer materials, unique polymer materials, and functional polymer materials. Available polymer materials are those that can be industrially produced on a large scale and have been widely used in significant fields of national economies such as construction, transportation, agriculture, electrical and electronics industries, and are present in people's daily lives. Unique polymer materials have excellent mechanical strength and heat resistance; these include polycarbonate, polyamide, and other materials, and have been widely used in engineering. Functional polymer materials have specific functions and can be used as active materials, including helpful separation membranes, conductive materials, medical polymer materials, and liquid crystal polymer materials.

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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 5.0.

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.

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