Special Issue

Surface and Interface of Polymer Nanocomposites

Message from the Guest Editors

Polymer nanocomposites on the micro/nanoscale form a fairly complex phase structure due to the surface or interface interaction between different components, making polymer nanocomposites show a promising application value in many advanced applications, such as electromagnetic shielding, drives, biomedicine, energy storage, strain/stress sensor and electronic devices, and water purifying. The macroscopic characteristics of polymer nanocomposites are determined by the surface or interfacial properties of polymers and other components at micro/nanoscales. Therefore, revealing such surface or interface interactions at the molecular or atomic level gives a significant theoretical basis for improving polymer composite applications. This Special Issue will present the latest findings from the widespread research community in the surface and interface of polymer nanocomposites to promote a better understanding and improved design of microstructure regulation required for achieving macro-performance in a variety of cutting-edge applications.

Guest Editors

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Deadline for manuscript submissions

closed (25 November 2023)

Polymers

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed

mdpi.com/si/144162

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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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