Special Issue

Recent Advances in Self-Assembled Polymers and Dendronized Polymers

Message from the Guest Editors

Self-assembly involves the spontaneous aggregation of molecules into stable and ordered ensembles by non-covalent interactions. Benefiting from the dynamic nature of noncovalent interactions and relatively high stability of polymers, self-assembled polymers exhibit unique advantages in producing complexed functional materials and are found to have widespread applications in the field of tissue engineering, drug delivery vehicles, gels, membrane materials, catalysis, and so on. In this Special Issue, we aim to capture the cutting edge of the state of the art in research pertaining to self-assembled polymers and related materials. Contributions on the fabrication of supramolecular polymers, macromolecular self-assemblies, natural biomass polymers, dendronized polymers, and their related applications will constitute the backbone of this Special Issue. Theoretical studies on self-assembly are also welcome.

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Deadline for manuscript submissions

closed (30 April 2024)

Polymers

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed

mdpi.com/si/129731

Polymers
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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

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