Special Issue

Patterns or Interfaces in Polymers and Polymeric Nanocomposites for Applications

Message from the Guest Editors

In addition to traditional methods, there are a number of techniques that are used exclusively in polymer material processing. The most famous of them include molding, writing, printing, laser scanning, self-organization, and surface instability utilization. Their periodicity can be modified depending on the method of fabrication or the intrinsic behaviours of polymers; this enables a wide variety of potential applications, including antireflection coatings, optoelectronics, antifouling coatings, superhydrophobic surfaces, solar cells, wearable/see-through displays, sensors, etc. The combination of inorganics and polymers leads to their properties being well-controlled and fine-tuned. In addition, depending on the particular application, the chemical composition of the pattern surface/interface should be optimized and modified.

This Special Issue focuses on the fabrication of polymer-based patterns or interfaces and their applications. It will aim at demonstrating researchers' ability to design, synthesize, and manufacture polymer-based patterns that address the challenges posed by classical and emerging holographic applications.

Guest Editors

Prof. Dr. Han-Yu Hsueh

Department of Material Science and Engineering, National Chung Hsing University, Taichung 40227, Taiwan

Dr. Thanh-Danh Nguyen

Institute of Chemical Technology, Vietnam Academy of Science and Technology. 1A, TL29, Thanh Loc ward, District 12, Ho Chi Minh City, Vietnam

Deadline for manuscript submissions

closed (25 April 2023)

Polymers

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed

mdpi.com/si/85129

Polymers
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
polymers@mdpi.com

mdpi.com/journal/polymers

Polymers

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed

mdpi.com/journal/polymers

About the Journal

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
Lehrstuhl für Polymermaterialien und Polymertechnologie, University of Potsdam, 14476 Potsdam-Golm, Germany

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubMed, PMC, FSTA, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank:

JCR - Q1 (Polymer Science) / CiteScore - Q1 (General Chemistry)

MDPI