

Special Issue

Nanostructured Polymer-Based Materials: From Synthesis to Applications

Message from the Guest Editors

Recently, polymeric nanostructured materials have attracted a great deal of interest from researchers because of the possibility of tuning their features on the basis of the chemical and structural composition. This Special Issue focuses not only on new advances in applications in widespread fields (e.g., biomedicine, bioelectronics, and organic photovoltaics (OPVs)), but also on the development of the sustainable processing of these materials. We will attach great importance to the advanced characterization of the nanostructured materials with the aim of carefully addressing the structure-properties relationship. Topics of our interest include, but are not limited to: (i) sustainable synthesis of polymeric nanoparticles; (ii) self-assembled nanostructured films; (iii) hierarchical organization of polymer nanostructures; (iv) new materials for the synthesis of organic nanoparticles (polymers, block copolymers, etc.); (v) hybrid polymeric/inorganic nanomaterials. All manuscripts inserted into the framework of various applications (biomedical, biosensoristic, OPV, optoelectronic, etc.) will be welcome.

Guest Editors

Dr. Anna Maria Ferretti

Consiglio Nazionale delle Ricerche-CNR, Istituto di Scienze e Tecnologie Chimiche "Giulio Natta"- SCITEC, Sezione di Via Fantoli 16/15, 20138 Milano, Italy

Dr. Stefania Zappia

Istituto di Scienze e Tecnologie Chimiche "Giulio Natta", Consiglio Nazionale delle Ricerche-CNR, 20133 Milano, Italy

Deadline for manuscript submissions

closed (15 August 2022)



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



mdpi.com/si/34197

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

[mdpi.com/journal/
polymers](https://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](https://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 4.7.

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

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)