Special Issue

Conjugated Polymers and /or Oligomers for Organic Electronics and Biological Applications

Message from the Guest Editor

Conjugated organic molecules (CPs) have delocalized π-electrons along a molecular backbone, making them intrinsically semi-conducting. Tunable electrical and optical properties indicate potential applications in organic opto-electronic devices, such as organic lightemitting diodes (OLEDs), organic photovoltaic cells (OPV), polymer laser, organic field-effect transistors (OFETs), electrochromic devices, photodetectors, photocatalysts, rewritable paper, redox flow batteries, etc. Introducing ionic side chains makes CPs water soluble and biocompatible. This Special Issue on seeks contributions to assess the state of the art and future developments in the research area of conjugated organic molecules (CPs). Topics include but are not limited to the synthesis, characterization, and/or unique application of conjugated oligomers/oligo electrolytes and/or polymers/polymers electrolytes.

Guest Editor

Dr. Mohammad Afsar Uddin

Beckman Institute for Advanced Science and Technology, University of Illinois at Urbana-Champaign, 405 N. Mathews Ave, Urbana, IL 61801, USA

Deadline for manuscript submissions

closed (5 July 2023)



Polymers

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



mdpi.com/si/104720

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



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)

