Special Issue

Conducting Polymers: Synthesis, Post-modification and Applications

Message from the Guest Editor

Conducting polymers known as the fourth generation of polymeric materials are one of the most promising and versatile electroactive materials to date. While the potential of this class of materials in technology generation and biocommunication sectors is beyond doubt, their processability and performance hugely depend on the molecular design, synthetic protocols, morphology, and post-modification strategy, among other factors. The synthetic modification and/or post-modification of conducting polymers are made far more challenging because of undesired sacrifices in electronic properties as a result of functionalization or attempts to make them more processable. This Special Issue specifically intends to bring together recent novel approaches along with critical and futuristic discussions to stimulate the synthesis and post-modification strategies of conducting polymers towards better biocommunication, processability, morphology control, and optimal performance.

Guest Editor

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Deadline for manuscript submissions

closed (30 November 2020)

Polymers

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed

mdpi.com/si/31683

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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
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