

Special Issue

Functional Polymers for Sensor Applications in Health and the Environment

Message from the Guest Editor

Functional polymers form the building blocks in the design of nanoparticles, bioconjugated systems, biocompatible sensor surfaces, organic and inorganic scaffolds, hydrogels, polyHIPEs, and many other porous high surface area materials. Functional polymers (CPs), with the added property of conductivity or semi-conductivity, may be applied in the design of catalytic systems, chemical sensors, biosensors, specifically analyte recognition components, and energy storage systems, among many others. These materials may be readily synthesised using electrochemical driving forces to yield small scale nanomaterials in situ, with superior reactivity, sensitivity and selectivity for niche applications in metrics, health, the environment and energy transformation systems. In this Special Issue, we invite you to submit your contribution with respect to materials, sensors and targeted applications of existing and new functional polymers.

Guest Editor

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Deadline for manuscript submissions

closed (20 December 2023)



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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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