

Special Issue

Synthesis, Characterization and Applications of Electroactive Polymers: 2nd Edition

Message from the Guest Editor

Electroactive polymers, such as polyaniline, polythiophene, and polypyrrole, exhibit reversible redox and reversible doping/de-doping properties and can be used in different practical industrial fields. They can be fabricated into different shapes (e.g., coatings, membranes, films, fibers, foams, hydrogels, etc.) and applied in various applications such as for anticorrosion purposes, electrochromic windows, supercapacitors, solar cells, lithium batteries, electrochemical sensing, gas sensing, gas separation membranes, electromagnetic shielding, for antistatic purposes, tissue engineering, etc. This Special Issue of *Polymers* will cover the whole line of recent research interests in the synthesis, characterization, and applications of electroactive polymers.

Guest Editor

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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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