

## Special Issue

# Synthesis, Characterization and Applications of Electroactive Polymers: 3rd 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 anticorrosion, electrochromic windows, supercapacitors, solar cells, lithium batteries, electrochemical sensing, gas sensing, gas separation membranes, electromagnetic shielding, antistatic, tissue engineering, etc. This Special Issue of *Polymers* will cover the whole line of recent research on the synthesis, characterization, and applications of electroactive polymers.

### Guest Editor

Prof. Dr. Jui-Ming Yeh

Department of Chemistry, Chung Yuan Christian University, Taoyuan City, Taiwan

### Deadline for manuscript submissions

20 January 2026



## Polymers

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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.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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