

Special Issue

High-Performance Conductive Polymer Composites

Message from the Guest Editor

This Special Issue aims to collate cutting-edge research focused on conductive polymer (CP) composites and their applications. Polymeric materials offer key advantages over inorganic materials, including processability, good thermal stability, light weight, and low cost. CPs can have better conductivity values than their bare counterparts after doping with a suitable material. CPs, in particular, provide good compatibility with inorganic-based materials, nanomaterials, and carbon nanomaterials. This Special Issue welcomes the submission of the following original articles and reviews based on CP and CP composites:

- Fabrication methods of CP composites with improved optical, electrical, electrochemical, mechanical, and thermal properties;
- Supercapacitors, solar cells, electrochromic windows, and fuel cells using CP composites;
- Chemical/biological sensors using CP composites as electrode materials;
- Advanced printing and patterning techniques using CP composites;
- Thermoelectric (TE) devices, antennas, EMI shielding, anticorrosion coatings, and organic thin-film transistors (OTFTs);
- Other novel and unique applications of CP composites.

Guest Editor

Prof. Dr. İsmet Kaya

Polymer Synthesis and Analysis Laboratory, Department of Chemistry,
Çanakkale Onsekiz Mart University, 17020 Çanakkale, Türkiye

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Polymers
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
polymers@mdpi.com

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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 4.9.

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

Fraunhofer-Institut für Angewandte Polymerforschung, Lehrstuhl für Polymermaterialien und Polymertechnologie, Universität Potsdam, Geiselbergstraße 69, 14476 Potsdam-Golm, Germany

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