



Conductive Polymer Composites: Synthesis, Characterization and Applications

Guest Editors:

Dr. Shun Watanabe

Department of Advanced
Materials Science, The University
of Tokyo, Tokyo, Japan

Dr. Masayuki Takeuchi

MacroMolecules Group, Organic
Nanomaterials Center, National
Institute for Materials Science,
Tsukuba, Japan

Deadline for manuscript
submissions:

closed (5 January 2024)

Message from the Guest Editors

Dear Colleagues,

The Special Issue “Conductive Polymer Composites: Synthesis, Characterization and Application” of *Polymers* aims to rapidly publish contributions on all aspects of conductive polymer chemistry, physics, and engineering. Since the discovery of iodine-doped polyacetylene in the 1970s, various conductive polymers and their composites have been synthesized and characterized. More than 100 ktons of conductive polymers are manufactured annually, and are being used in various functional coatings and electronic elements. Key challenges still remain in materials science and multiple application areas. We encourage the submission of manuscripts that provide novel insights and significant advances in the field. Topics include, but are not limited to, the keywords below.

Dr. Shun Watanabe

Dr. Masayuki Takeuchi

Guest Editors





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Alexander Böker

Lehrstuhl für Polymermaterialien
und Polymertechnologie,
University of Potsdam, 14476
Potsdam-Golm, Germany

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 5.0.

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubMed, PMC, FSTA, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q1 (Polymer Science) / CiteScore - Q1 (General Chemistry)

Contact Us

Polymers Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/polymers
polymers@mdpi.com
X@Polymers_MDPI