

Special Issue

Novel Conjugated Polymers and Conductive Polymers

Message from the Guest Editors

Conducting polymers and conjugated polymers are extensively studied due to their outstanding properties, including tunable electrical properties, optical and substantial mechanical properties, easy synthesis and effortless fabrication, and high environmental stability over conventional inorganic materials. The synergistic effects of conducting polymer composites give them wide-ranging applications in electrical, electronic, optoelectronic, catalytic, and corrosion-protective fields. Here, in this SI, we seek to describe the transport models that help to explain the conduction mechanism, relevant synthesis approaches, and physical properties, including electrical, optical, and mechanical properties. Recent developments in their applications in the fields of energy storage, photocatalysis, anticorrosion coatings, biomedical applications, and sensing applications are also welcome.

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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

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