

Special Issue

Functional Polymers and Novel Applications, 2nd Edition

Message from the Guest Editors

Traditional polymer products play vital roles in the clothing, food, housing, and transportation industries, in the form of plastics, rubber, binders, fibers, and proteins, among others. With the progress of social civilization and the continuous innovation of science and technology, many applications for emerging functional polymers are arising in various fields. Various molecular engineering methods, device fabrication processes, and fundamental models are being explored to enrich these materials' properties, functions, and applications. For example, liquid crystal polymers are being developed for a variety of optical elements and polymer-stabilized devices, which are widely used in the emerging field of meta-universe displays. Environmentally friendly polymeric adhesives are being evaluated for the restoration and preservation of precious paper archives. Lastly, machine learning has been applied to the design and optimization of functional polymeric materials.

Guest Editors

Dr. Ran Chen

School of Materials Science and Engineering, Xi'an University of Science and Technology, Xi'an 710054, China

Prof. Dr. Jinhui Wang

Key Laboratory for Special Functional Materials of Ministry of Education, Henan University, Kaifeng 475004, China

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Polymers
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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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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