

Special Issue

Surface Modification and Functional Coatings for Polymers

Message from the Guest Editor

Surface modification and interfacial phenomena of polymeric materials are critical to many existing applications in manufacturing, biomedical, energy, and healthcare, etc., and the development of new functional materials and devices. This Special Issue focuses on the current of state-of-art of surface modification and coating development for polymeric materials including synthetic polymers, biopolymer and bio-based polymer, polymer nanocomposite, gels, adhesives. Of particular interests are the recent development of functional surfaces, smart coatings, biomimetic surface modification, and the fundamental exploration of the structure-property relationships for such desired functions as water-repellence, self-cleaning, anti-flogging, anti-reflection, biocompatibility, adhesion, surface hardness, low friction, wear-resistance, conductivity, antistatic.

Guest Editor

Prof. Dr. Boxin Zhao

Department of Chemical Engineering, University of Waterloo, Waterloo, ON N2L 3G1, Canada

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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

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

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