



Study of Copolymerization and Functional Copolymers

Guest Editor:

Dr. Pavel Ivchenko

Department of Chemistry,
Lomonosov Moscow State
University, Moscow, Russia

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Message from the Guest Editor

A bold and innovative global strategy for the abandonment of conventional plastics for disposable articles forces us to develop new biodegradable materials—as well as to tirelessly improve the characteristics of polyolefins, rubbers and similar polymers. Besides the “green revolution” in the plastics industry, new methods, tools, and ideas in polymer chemistry are of great demand in biomedicine, molecular electronics, energy storage, and other actual areas of science, technology, and human life.

A great diversity of monomers, catalysts, reaction mechanisms, and methods of creating polymer architectures pave the way to new materials with unique properties. Copolymerization is one of the most efficient ways to realize functional copolymers, macromolecules containing “functions” in the broadest sense of the term—both “functionalized” (i.e., containing functional groups and organochemical meaning) and “functioning” (actuated by external stimuli).

This Special Issue focuses on creating a multidisciplinary forum of discussion on recent advances in functional copolymers, with its wide variety of subject matter.





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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

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Contact Us

Polymers Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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