Special Issue

Catalytic Applications in Polymerization

Message from the Guest Editor

The global strategy of resource efficiency implies the use of mankind's limited resources in a sustainable manner, while minimising the impact on the environment. Its specific embodiment allows us to create larger amounts of higher-quality materials at lower cost, to develop and use waste-free technologies, and to enhance our share of renewable raw materials. The *very idea* of catalysis inherently fits within this strategy. It is through the development of the science of catalysis that we are capable of coordinating the polymerization of α-olefins, dienes and cyclic esters, all types of metathesis polymerization, a variety of polycondensation processes, etc. Catalytic methods are invaluable in the design of new monomers and polymer microstructures and architectures. It is no exaggeration to say that polymer chemistry is inseparable from catalysis, at least in the fields of polymer design, synthesis and technology. This Special Issue focuses on creating a multidisciplinary forum of discussion on recent advances in the use of catalysis in polymer chemistry.

Guest Editor

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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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