Special Issue

Advances in Silicone Functional Polymers

Message from the Guest Editor

Polysiloxane has a high strength of Si-O bond, a wide Si-O-Si angle, a partial ionic nature, varied organic groups, and low intermolecular forces, which gives rise to the unique functions of silicone polymers. By controlling molecular weights, functional groups and topological structures of silicone polymers, or using copolymerization technology and other strategies, silicone functional polymers can be produced and applied. Significant advances of silicone functional polymers have been explored by the development of science and technology and new applications. This Special Issue will focus on design, synthetic methods, properties, applications, or reviews of novel silicone functional polymers. Challenges related to silicone functional polymers are also concerned. It aims to provide a science and technology platform for researchers and engineers to share insights in silicone functional polymers. We expect your original research articles and reviews to be published in this Special Issue.

Guest Editor

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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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