

Special Issue

Core-Shell Structured Polymers

Message from the Guest Editors

Core-shell structured polymers are currently being exploited in a wide range of disciplines, not only for their unique structures and properties, but also for their potential applications in future generations of nanotechnology and biomedical engineering. By rationally tuning the characteristic sizes and composition of the core-shell structure, the physical properties of polymers can be readily tailored, resulting in efficient and well-controlled formation of core-shell structures with tailorable functional characteristics. This Special Issue of *Polymers* will attempt to cover recent developments in core-shell polymer materials for a wide range of applications, including photonics, optics, photovoltaics and electronics, imaging and sensing for chemical and biological detection, and biomedical diagnostics and therapeutics. Of particular interests are the synthesis and characterization of new core-shell polymer nanocomposites, which may provide new insights into their functionality for researchers to obtain desired material properties.

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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 4.7.

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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