

Special Issue

Advances in Functional Polymeric Materials: Applications in Applied Technologies

Message from the Guest Editors

Functional polymeric materials are considered potential platforms for applications in extremely diverse fields such as optics, micro-electronics, transportation, health, energy, energy storage, diagnosis, housing, environment, and the highly relevant Internet of Things (IoT). The material properties of polymeric materials can be tuned by modification of the composition on the molecular scale to produce smart materials. Cross-cutting approaches to synergistically couple molecular engineering and processing allows the tailoring of complex systems of various shapes with perfect control over size, composition, functionality, and morphology. This Special Issue aims to highlight the fundamental research and latest advancement in functional polymeric materials and their contribution in the design of specific modern technologies such as battery materials, organic electronics, sensor devices, flexible displays, 3D and 4D printing of polymeric materials, drug delivery, tissue engineering, and foresights of functional polymers for their integration in soft robotics.

Guest Editors

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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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