

Special Issue

Polymers for Improved Sensing Systems

Message from the Guest Editors

The purpose of this Special Issue of *Polymers* entitled “Polymers and Polymer Composites for Improved RFID and Sensing Systems” is to discuss and highlight functional properties and applications of novel polymer-based materials in the formulation of next-generation electronic devices, sensors, or complete Radio Frequency identification transponders (RFID) and help to overcome the limits of current flexible or large-area electronics. On the basis of these topics, You are kindly invited to share your research showcasing the most recent applications of heterogeneous polymer systems, polymer thin films and composites, nano-reinforced polymers, polymer blends, aerogels, and hydrogels in the formulation of RFID transponders with augmented functionalities in terms of information encoding, sensing, or indication of physical/chemical parameters. Papers with particular emphasis on resonant systems, resonant sensors, biosensors, and organic semiconductors for optoelectronic applications and novel energy-harvesting methodologies will be warmly welcome.

Guest Editors

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Deadline for manuscript submissions

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About the Journal

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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