

Special Issue

Shaping and Designing Polymers for Sensor Development

Message from the Guest Editors

The present Special Issue “Shaping and designing polymers for sensor development.” aims to assemble a collection of articles describing different strategies based on polymeric materials for sensing applications. In particular, we welcome contributions concerning the uses of natural and synthetic polymers, including responsive, functionalized or molecularly imprinted polymers, whether based on conductive, entangled or cross-linked polymers. Strategies based on the preparation of polymer-based receptor layers, including strategies to control the polymerization to thin films and spin coating techniques, the synthesis of core-shell polymeric sensors and the applications of polymer-based sensors are also welcome. Research articles and reviews will both be considered. Potential topics include but are not limited to the following:

- Conducting polymers
- Molecularly imprinted polymers
- Functional polymers
- Biocompatible polymers
- Natural polymers
- Thin film polymerization
- Spin coating techniques
- Flexible sensors

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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