

## Polymer-Based Coatings for Sensors

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### Message from the Guest Editors

Different mixtures are used in the preparation of sensors and electrodes. Polymers are generally used in these mixtures to increase stability and mechanical robustness. Used as one of the components of sensors, polymers play an important role in sensing applications. Polymers for sensor technologies can be manufactured simply and are relatively low-cost. Especially in electroanalytical methods, poly(vinyl chloride) (PVC)-based sensors are highly popular. PVC membrane sensors are common tools routinely used for the determination of different species in various samples. Until today, PVC has been included in the composition of many metal-selective sensors. In addition, paraffin and polystyrene were also used in sensor compositions. This Special Issue focuses on “Polymer-Based Coatings for Sensors”. The specific topics of interest for this Special Issue include but are not restricted to:

- Polymer-based electrodes
- Polymer-based sensors
- PVC membrane sensors
- Natural polymer-based Sensors
- Polymer-based Biosensors
- Synthetic polymer-based Sensors
- Polymer-membrane ion selective electrodes



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## Message from the Editorial Board

Now more than ever, research is called for to produce technologies and improve knowledge to solve the major challenges faced by our society. The development of new materials and devices for (without the ambition to be exhaustive) energy, health and food technology, together with the need for establishing processes that reduce the impact on critical resources and the environment, is indeed at the center of most contemporary research. Surface science and engineering play a key role in this regard. Refining surfaces and their modifications provides new materials, architectures and processes with a huge potential to aid most societal challenges. *Coatings* is a well-established, peer-reviewed, online journal that focuses on the dissemination of publications in the field of surface science and engineering. *Coatings* publishes original research articles that report cutting-edge results and review papers on the hottest topics.

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