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# Development and Application of Polymer-Based Materials for Printable Sensors

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Deadline for manuscript submissions: closed (25 April 2024)



Message from the Guest Editors

Dear Colleagues,

The advancements in polymer science are key to developing essential components for printed/organic electronics. This Special Issue is open to contributions on the applicability of polymers as inks and substrates, as well as processing of polymers and sensor design, focusing on the development of sensing materials and systems. Theoretical and experimental works relying on polymericbased materials, which result in physical or chemical sensing such as thermal, magnetic, pressure/force, radiation, humidity or pH, among others, are welcome.

Thus, we invite authors to contribute potential topics include but are not limited to:

- 1. Synthesis of inks and electroactive polymeric materials;
- 2. Flexible sensor design methods and application assembly;
- 3. Hybrid solutions between printed sensors and conventional electronics;
- 4. Theoretical and experimental studies concerning sensor matrix crosstalk and mitigation methods;
- 5. Industrial, agricultural, and medical application issues, which flexible sensors/electronics could solve.



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## **Editor-in-Chief**

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### Message from the Editor-in-Chief

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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.

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