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Polymeric Nanocomposites or Functional Polymers for Flexible Sensor

Guest Editor:

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Message from the Guest Editor

This Special Issue aims to underscore the polymeric nanocomposites used for designing a particular system, including the network protocols and different types of activities being monitored and highlight the various types and unique properties of polymeric nanocomposites, along with specific examples of their applications in electronic sensors. We hope that this Special Issue will provide fundamental knowledge of using polymeric nanocomposites in flexible sensor technologies. The main topics are as follows:

- Preparation, formation, and synthesis of polymer nanocomposites;
- Physical and chemical properties of nanostructured polymers;
- Fabrication methods of the polymeric nanocomposites for biosensors;
- Chemical and physical surface modification of polymeric nanocomposites;
- Next-generation polymeric nanocomposites-based flexible sensor;
- Integration process of polymeric nanocomposites-based biosensors into smart devices and their point-of-care test;
- Polymer nanocomposites in future biomedical application;
- Multi-functional polymer-based nanocomposites;
- Advanced polymer composites for electrical applications.



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Special Issue



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Message from the Editor-in-Chief

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