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Polymeric Nanocomposites for Flexible Sensor

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submissions:
closed (31 July 2020)

Message from the Guest Editor

Dear Colleagues,

Polymeric nanocomposites are currently an area of increasing scientific as well as technical interest. Polymeric nanocomposites can be synthesized for various applications by the proper selection of the matrix, nano-reinforcement material, synthesis method and surface modification of either the reinforcement or polymer.

This Special Issue invites original papers and reviews reporting on recent progress in the following areas:

- Fabrication methods of the polymeric nanocomposites for flexible sensors;
- Chemical and physical surface modification of polymeric nanocomposites to improve sensing performance;
- Next-generation polymeric-nanocomposite-based flexible sensors;
- Integration process of polymeric-nanocomposite-based biosensors into smart devices and their point-of-care testing;
- Properties of polymeric-nanocomposite-based biosensors;
- Biological properties of polymeric-nanocomposite-based biosensors.



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Special Issue



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Message from the Editor-in-Chief

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