Special Issue

New Frontiers of Flexible and Wearable Nanosensors

Message from the Guest Editor

This Special Issue of *Nanomaterials* on "New Frontiers of Flexible and Wearable Nanosensors" aims at collecting original research and review articles that highlight synthesis, modification, design, properties, and applications in various areas related to flexible and wearable nanosensors. We would like to invite scientists and engineers from diverse and multidisciplinary fields with different technological backgrounds to contribute their works to this Special Issue. Potential topics include but are not limited to the following topics:

- Textile-based nanosensor and nanomaterial systems;
- Flexible/wearable and implanted nanosensors;
- Flexible inorganic or organic nanosensors;
- Multifunctional triboelectric nanosensors;
- Electrochemical flexible nanosensors;
- Piezoresistive or capacitive nanosensors;
- Self-powered flexible/wearable nanosensors.

Guest Editor

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Message from the Editor-in-Chief

Nanoscience and nanotechnology are exciting fields of research and development, with wide applications to electronic, optical, and magnetic devices, biology, medicine, energy, and defense. At the heart of these fields are the synthesis, characterization, modeling, and applications of new materials with lower nanometer-scale dimensions, which we call “nanomaterials”. These materials can exhibit unusual mesoscopic properties and include nanoparticles, coatings and thin films, metal–organic frameworks, membranes, nano-alloys, quantum dots, self-assemblies, 2D materials such as graphene, and nanotubes. Our journal, *Nanomaterials*, has the goal of publishing the highest quality papers on all aspects of nanomaterial science to an interdisciplinary scientific audience. All of our articles are published with rigorous refereeing and open access.

Editor-in-Chief

Prof. Dr. Eugenia Valsami-Jones
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