



Recent Development and Applications of Nanoelectronics and Nanosensors

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submissions:

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Message from the Guest Editors

Dear Colleagues,

The fields of nanoelectronics and nanosensors that interact with human beings are beginning to function at the cellular or even molecular level, with improved sensitivity, safety, non-invasiveness, response times, and precision for spatiotemporal measurement. This Special Issue calls for papers on new mechanisms, new materials, new micro/nanofabrication process, new devices, and new applications in electronic devices and sensors at the nanoscale. All original research or review articles are welcome on the fundamentals, fabrication, and applications of micro/nanoscale electronics and sensors. Potential topics include (but are not limited to):

- Micro/nano biosensing;
- Micro and nanofabrication;
- Lab on a chip;
- Nanomaterials for biosensors;
- Nanosensors for cells, viruses, and bacteria;
- Flexible and wearable electronics;
- Novel materials, e.g., graphene, MXenes, metamaterials for electronics and sensing;
- DNAs, RNA, exosomes for bioelectronics and biosensing.





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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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