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## Micro- and Nanostructures for Sensing Applications

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Deadline for manuscript  
submissions:

**closed (15 April 2023)**

### Message from the Guest Editor

Dear Colleagues,

Over the past few years, micro- and nanosensors have been the focus of significant research interest from scientists in academia and industry alike. Functional micro-/nanomaterials play an important role in the development of new platforms with new properties or enhanced existing properties.

The Special Issue focuses on the design, fabrication, and applications for micro- and nanostructured sensors. Selected topics include but are not limited to the following:

- Novel micro-/nano-architecture for sensing;
- Nanomaterials (nanowires, nanodots, 2D materials, hierarchical materials) and devices;
- Micro and nano-defects in materials (semiconductors, metal, and insulators);
- Surfaces and interfaces of thin films;
- Multidetecation platform;
- Smart nanomaterial for sensing, including hybrid materials;
- New approaches for sensing, including molecularly imprinted polymer sensors;
- Deep learning for conflicting properties and optimized sensor performance.

Link: <https://www.mdpi.com/si/58088>

Dr. Abdelhafed Taleb  
*Guest Editor*



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**Special** Issue



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## Message from the Editor-in-Chief

*Sensors* is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

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