



## Advanced Sensing Techniques and Sensor Design for Health Protection

Guest Editor:

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Deadline for manuscript  
submissions:

**closed (31 March 2022)**

### Message from the Guest Editor

Dear Colleagues,

The advances in sensor technology, electronics instrumentation, and digital electronics have led to the production of intelligent systems that allow people to live with a sense of protection by monitoring both the parameters relating to their health and the environment in which they live.

Wearable or non-invasive sensors, together with the new information technology products, make it possible to constantly monitor patients, collect data, contact doctors immediately in case of danger, and possibly even to intervene with first aid, even if the patient is at home or away from health facilities.

Based on these considerations, the aim of this Special Issue is to collect innovative, original and high-impact results in this area.

Manuscripts from areas of sensing technology are welcome, including, but not limited to:

- Gas and vapor sensing;
- Chemical sensors;
- Optical sensors;
- Microwave sensing;
- Fluctuation enhanced sensing;
- Metal oxide semiconductor sensors;
- Carbon materials based sensors;
- Sensor networks;
- Sensor interfaces





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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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