

**Special Issue on Smart Sensors for Chemical and Agriculture Applications**

Call for Papers

To realize Society 5.0, a wide variety of sensors must be placed in physical space. However, the placement of a large number of individual sensors is not realistic owing to power consumption, price, and other issues. In the future, many sensors will be needed in the biomedical, life science, and agricultural fields. We believe that the fusion of sensor technology and semiconductor integrated circuit technology will create a new market that can solve these problems.

In this special issue, we aim to publish papers on smart sensors that can efficiently acquire healthcare data, life science information, and agricultural information based on semiconductor integrated circuit technology. We welcome papers not only on sensor devices but also on new social implementations through collaboration with researchers in different fields. We hope that these technologies will be deployed in green innovation aimed at building a low-carbon society and a society in harmony with nature.

Scope:

- Semiconductor-based chemical sensors
- Sensors for agriculture applications
- Biosensors for the detection of viruses
- Sensing systems for biomedical/life science applications
- Multimodal sensors for biomedical/life science applications
- Sensor devices/systems for chemical applications

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