



Chemical Sensors for Environment and Agri-Food Analysis

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Message from the Guest Editor

In recent years, gas sensors have been widely used in different fields such as human health, environmental monitoring, automotive, and IoT in general. In particular, we will focus our attention on gas sensor application in food quality, security and safety, from farm to farm.

Gas sensors will be able to integrate their ability and advantages in every food sector in the next 5 years. Sensors will support, help, and increase the food sector's abilities and also aim to be more and more user-friendly and closer to real needs.

The covered topics will be extended to sensing devices, networks, and array of gas sensors, applied to the whole food field, from farm to farm. Potential gas sensor topics include but are not limited to the following:

- Quality on line/at line control from farm to fork;
- Shelf-life measurement;
- Risk assessment;
- IoF—Internet of Food;
- Monitoring the presence of harmful chemical compounds (neof ormation and not) in food;
- Following the possible growth of microorganisms, indigenous, altering, and pathogens in the food field whether they are from the environment/surfaces/human contact or food.





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Message from the Editor-in-Chief

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