

## Special Issue

# Smart Packaging Sensors for Food Quality Monitoring

### Message from the Guest Editors

Current food packaging practices and technologies result in tremendous food waste due to a lack of appropriate packaging conditions and poor or no monitoring in the supply chain. Smart food packaging sensor systems are viable solutions for reducing inefficiencies and waste, and improving public health and consumer confidence. This Special Issue will focus on state-of-the-art advances in materials, structural design, sensing concepts, fabrication techniques, and methodologies for the development of smart freshness sensors and indicators. The potential topics, for which we invite contributions, include but are not limited to the following:

- Physical, chemical, electrochemical, and biochemical sensors for food quality;
- Functional materials for smart food packaging sensor applications;
- Active and passive food quality sensors;
- Printed sensors and electronics for food quality;
- The real-time monitoring of food quality;
- Flexible sensors for smart packaging;
- Intelligent packaging systems for food quality monitoring;
- Optical-based sensors for food monitoring;
- Wireless and/or RFID-based sensor systems for food quality monitoring.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 July 2024)



## Sensors

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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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