Special Issue

Advanced Real-Time On-Site Sensing Technologies in Food and Environment Analysis

Message from the Guest Editors

Real-time detection devices and sensors are key in object detection with fast inference while maintaining simple operation and a base level of accuracy. The number of different types of sensors that focus on object detection quantitatively or qualitatively is continuously growing, although their applications in practical utilization are more limited. Compared to laboratory-scale devices, real-time on-site detection devices based on gas sensors, microwave sensors, or spectroscopy sensors are extremely attractive due to their low cost, easy operation, and simplified sample pretreatment. This Special Issue will provide a forum for the latest research activities in the field of chemical/physical sensors, relevant data mining, and their application. Both review articles and original research papers are solicited in areas including, but not limited to, the following:

- Gas sensors, microwave sensors, or spectroscopy sensors;
- On-line analysis system design based on micro sensors or sensor arrays;
- The application of sensors for food detection or environment monitoring;
- Data mining for sensor signal feature extraction, data reduction, classification, prediction, etc.

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Deadline for manuscript submissions

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Message from the Editorial Board

Chemosensors continues to grow as a forum for all manners of sensing that encompass chemistry. *Chemosensors* is published in open access format – all articles and content are released on the internet immediately following acceptance, thus allowing unlimited access to the content as soon as it is published. We would be happy to have you join our growing list of authors.

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