Special Issue

Sensors for Food Safety

Message from the Guest Editors

Agri-food is a highly complicated system that challenges the determination of trace levels of chemical and microbial contaminants. Meanwhile, a large number of food commodities are transported among different countries due to globalization. These contaminants can eventually cause various human diseases. Innovative methods to rapidly and accurately detect these contaminants are therefore urgently required. Sensors can be good candidates for such determinations in a high-throughput manner. In this Special Issue, we encourage the submission of original research articles, research notes, and review articles about recent advancements in developing sensors for rapid detection of food contamination so as to improve the safety of our agri-food systems. The technology may include but not be limited to microfluidic “lab-on-a-chip”, quantum dot, surface-enhanced Raman spectroscopy, molecularly imprinted polymers, aptamers, etc.

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Message from the Editor-in-Chief

Biosensors is a leading journal, devoted to fast publication of the latest achievements, technological developments and scientific research in the exciting multidisciplinary area of biosensors. Both experimental and theoretical papers are published, including all aspects of biosensor design, technology, proof of concept and application. Special issues are devoted to specific technologies and applications, and a selection of the most outstanding papers each year is recognized. Pushing the boundaries of the discipline, we invite original papers, as well as timely reviews on cutting edge fields within the subject area.

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