Special Issue

Food Analysis Applications—Nanomaterials Based Biosensors

Message from the Guest Editor

In recent decades, with the rapid development of the nanomaterials-related research field, more and more researchers have prepared different kinds of biosensors using novel nanomaterials or new nanostructures, combined with various sensing strategies, to achieve the goal of electrochemical or/and optical sensitive detection of target molecules. These biosensors can be applied in the field of food analysis, such as the rapid and accurate detection of pathogens, pesticides, veterinary drug residues, heavy metals, food adulteration, and illegal additives (food safety in a narrow sense). Moreover, these biosensors can be used to detect food ingredients such as sugars, vitamins, enzymes, and proteins much more quickly and cheaply.

Guest Editor

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Deadline for manuscript submissions

closed (31 December 2023)

Sensors

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CiteScore 8.2
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