

Special Issue

Biosensors for Agriculture, Environment and Food

Message from the Guest Editors

Food safety has become a hot issue concerned by governments, people and society. Biosensors have been playing a greater vital role in monitoring agro-products and their production process to ensure end-foods' quality and safety, and they usually demonstrate a lot of benefits, such as being sensitive, rapid, portable, cheap and especially suitable for on-site testing. So, this topic will concern the development of biosensors and analytical methods, especially for chemicals, microorganisms, biotoxins in agriculture, environment and food samples. It is suggested that biosensors should be in line with the trend of five "S", Sensitivity, Specificity (Selection), Speed, Simultaneously, Small (Smart), and that all detection methods should be validated using agriculture, environment or food samples. Interdisciplinary research and integrative application research related to biosensors are also encouraged, including review articles and research articles.

Guest Editors

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Deadline for manuscript submissions

closed (25 June 2023)



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About the Journal

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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