

Special Issue

Biosensors and Portable Analysis Systems Applied in Food Quality and Safety

Message from the Guest Editors

Biosensors have become a promising method to monitor food quality and safety. Developing rapid, sensitive, and portable biosensors and analysis systems is critical to minimize exposure to food contaminants, including mycotoxin, pesticides, heavy metals, veterinary drugs, foodborne pathogenic bacteria, and illegal additives. Two key components of biosensor and analysis systems are novel recognition elements (such as genetically engineered antibodies, aptamers, and peptidomimetics) and reporter probes (such as magnetic beads, quantum dots, carbon dots, metal-organic frameworks, aggregation-induced emission material, metal oxides, nanozymes, etc.). Advancements in these areas will undoubtedly boost the development of biosensor and analysis systems.

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Message from the Editor-in-Chief

Foods (ISSN 2304-8158) is an open access and peer reviewed scientific journal that publishes original articles, critical reviews, case reports, and short communications on food science. Articles are released monthly online, with unlimited free access. Currently, *Foods* has been indexed by the Science Citation Index Expanded (SCIE - Web of Science), PubMed, and Scopus. Our aim is to encourage scientists, researchers, and other food professionals to publish their experimental and theoretical results as much detail as possible. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global food science community.

Editor-in-Chief

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