

Special Issue

Advanced Spectrometric and Electronic Determination Technology in Food and Biochemical Analysis

Message from the Guest Editors

The determination of quality traits and composition in the food industry is still mainly carried out in laboratories using chemicals and generating waste, which is costly and time-consuming. This is unsuitable for large-scale, rapid determination. Hence, the food industry is looking for new techniques that allow for the rapid and large-scale determination of food quality parameters for application. Among these techniques, instrumental methods based on molecular or vibrational spectroscopy, as well as electronic sensors, stand out. This Special Issue, entitled “Advanced Spectrometric and Electronic Determination Technology in Food and Biochemical Analysis”, aims to collate high-quality research studies addressing current challenges in the food industry for the determination of quality traits and process control. Comprehensive overviews and in-depth technical research papers addressing innovations in current instrumental methods and novel techniques are welcome to be submitted. Research focused on experimental studies, recent developments, the current state of the art, and emerging technologies in the food industry is highly encouraged.

Guest Editors

Prof. Dr. Juan Francisco García Martín

Departamento de Ingeniería Química, Facultad de Química, Universidad de Sevilla, 41012 Sevilla, Spain

Dr. Weijie Lan

College of Food Science and Technology, Nanjing Agricultural University, Nanjing 210095, China

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, Italy

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