

Special Issue

Quantitative Analysis of Food Residues by Advanced Functional Materials

Message from the Guest Editors

Food safety is a major strategic issue related to people's livelihood. Food residues are an important cause of food safety problems. Therefore, the quantitative analysis of food residues is particularly important as a means to ensure food safety. The sensitive and accurate quantitative analysis of food residues is challenging due to the complexity of food sample matrices and the rapid requirements of food safety testing. Advanced functional materials are a class of materials with special magnetic, optical, and electrical properties that can be used in conjunction with food analysis techniques to achieve the sensitive and reliable quantitative analysis of food residues. For example, advanced functional materials can be combined with chromatographic, spectroscopic and electrochemical techniques to make the quantitative analysis of food residues easier, faster, more accurate and more sensitive. This Special Issue aims to collect the latest advances in the development and application of advanced functional materials in the quantitative analysis of food residues.

Guest Editors

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