

Special Issue

Analysis of Contaminants and Residues in Food

Message from the Guest Editors

The food supply chain contains several steps that start with the farm and end with the forks of consumers.

Within this chain, pesticide application, veterinary drug administration, environmental and storage conditions, process-induced changes, formation of undesired and toxic compounds, use of food additives, and final food packaging materials can potentially lead to

contamination of the food (either intentionally or non-intentionally), and hazardous chemical substances or their residues may end up in the final food product.

Hence, there is a strong need for suitable and reliable analytical methods for the detection and quantitative analysis of all these targeted analytes. The topics of interest for this Special Issue include but are not limited to the following fields: allergens in foods;

antibiotics in food products;

endocrine disrupting substances;

food additives;

food colorants;

food contact materials;

mycotoxins;

pesticides;

polyaromatic hydrocarbons (PAH);

process-induced changes and oxidation products.

Guest Editors

Dr. Emmanouil Tsochatzis

Department of Food Science, Centre of Innovative Food Research (iFood), Aarhus University, Agro Food Park 48, 8200 Aarhus, Denmark

Dr. Olga-Angeliki Begou

1. School of Chemistry, Aristotle University of Thessaloniki, 54124 Thessaloniki, Greece

2. Biomic_AUth, Center for Interdisciplinary Research and Innovation (CIRI-AUTH), Balkan Center, B1.4, 57001 Themi, Greece

Deadline for manuscript submissions

closed (10 April 2022)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/76425

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
appls@mdpi.com

[mdpi.com/journal/
appls](https://mdpi.com/journal/appls)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)