

Special Issue

Innovative Separation Methods in Food Chemistry and Analysis

Message from the Guest Editor

Among the most important areas for a human life, which is tightly connected with the development and application of various analytical separations, is the food chemistry area.

This Special Issue focuses on the most recent and innovative approaches of separation methods in food analysis. Researchers are encouraged to submit research papers describing new developments in separation methods intended for food analysis as well as reviews illustrating application of emerging separation methods in analysis of nutrients, bioactive compounds and contaminants in foods. Manuscripts describing novel approaches of sample preparations, or original chemometric approaches in connection with a chromatographic analysis of food samples are also welcomed.

Keywords:

- Food composition
- Nutraceuticals
- Food contaminants
- Bioactive compounds
- Liquid chromatography
- Capillary electrophoresis
- Gas chromatography
- Mass spectrometric detection
- Sample preparation
- Data processing

Guest Editor

Dr. Petr Česla

Department of Analytical Chemistry, Faculty of Chemical Technology,
University of Pardubice, Pardubice, Czech Republic

Deadline for manuscript submissions

closed (30 April 2022)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/61934

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

mdpi.com/journal/

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





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)