molecules

an Open Access Journal by MDPI

IMPACT FACTOR 4.2

Indexed in: PubMed

CITESCORE 7.4

Recent Advances in Food and Agricultural Products Analysis

Guest Editors:

Dr. Xuefei Mao
Institute of Quality Standard and Testing Technology for Agro-Products, Chinese Academy of Agricultural Sciences, Beijing 100081, China

Dr. Xiaoyan Tang
Institute of Quality Standard and Testing Technology for Agro-Products of Chinese Academy of Agricultural Sciences, Beijing, China

Dr. Jiukai Zhang
Chinese Academy of Inspection and Quarantine, Beijing 100176, China

Deadline for manuscript submissions:
closed (30 November 2022)

Message from the Guest Editors

How does one measure contaminants such as pesticide residue, veterinary residue, heavy metals, mycotoxins, etc., nutrients such as proteins, lipids, carbohydrates, vitamins, etc., and sensory qualities such as flavor, appearance, taste, and feel? Analytical chemistry was, is and will be providing feasible technological approaches for food and agricultural products analysis, so as to facilitate agricultural production and food processing, and protect human health and safety.

In recent years, technological advancements such as atomic spectrometry, molecular spectroscopy, mass spectrometry, chromatography, capillary electrophoresis, magnetic resonance, portable detection techniques, chemometrics, immunity-based and nanomaterial-based detection, and sample preparation and separation, etc., have provided many tools for us to detect known and unknown substances in food and agricultural products. This encouraged us to assemble advanced studies in this area into this Special Issue, entitled “Recent Advances in Food and Agricultural Products Analysis”.

molecules

IMPACT FACTOR 4.2 | Indexed in: PubMed | CITESCORE 7.4

an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt
Institute of Pharmaceutical Biology and Phytochemistry, University of Münster, Corrensstrasse 48, D-48149 Münster, Germany

Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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), PubMed, MEDLINE, PMC, Reaxys, CaPlus / SciFinder, MarinLit, AGRIS, and other databases.
Journal Rank: JCR - Q2 (Chemistry, Multidisciplinary) / CiteScore - Q1 (Chemistry (miscellaneous))

Contact Us

Molecules Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/molecules
molecules@mdpi.com
𝕏@Molecules_MDPI