

## Special Issue

# Bioactive Compounds in Fruits, Vegetables, Berries and Leaves: The Role of Growing Conditions and Harvest Timing

### Message from the Guest Editors

Bioactive compounds are an important part of plant metabolism and are known for their potential health benefits. These compounds are chiefly derived from food, for instance, fruits, vegetables, berries, leaves, etc. Various factors, including soil composition, climate, cultivation practices, and the developmental stage of the plants at harvest, significantly influence the quantity and quality composition of these beneficial compounds. The aim of the Special Issue is to elucidate the optimal growing conditions and harvest time that enhances the bioactive compounds content of fruits, vegetables, berries, and leaves. The research may explore the impact of different soil properties, climate conditions, fertilizer, pesticides, irrigation techniques, genetic factors, and harvest timing on bioactive compound concentrations in fruits, vegetables, berries, and leaves. In addition, papers can compare the levels of bioactive compounds in produce grown under organic and biodynamic versus conventional farming practices and conduct studies to assess how the different year effects the concentration of bioactive compounds in crops due to varying environmental conditions.

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### Deadline for manuscript submissions

closed (15 June 2025)



## Agriculture

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### Message from the Editor-in-Chief

*Agriculture* (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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