

# Special Issue

## Carbon and Nitrogen Metabolism in Trees

### Message from the Guest Editors

This Special Issue focuses on “Carbon and Nitrogen Metabolism in Trees”, which is important for promoting a rapid exchange of research results, experience, and ideas within the scientific community and among professionals working in this stimulating and relevant research field, both from agronomic and economic perspectives. Besides the specific scientific target, we would like to transfer updated and practically relevant results to farmers, SMEs, policy makers, and related end-users working on fruit production. To achieve this, we will try to select the most sound, innovative, and clear papers, ranging from the relationship between carbon and nitrogen metabolism, to the key role of carbon and nitrogen metabolism in tree growth and development, especially the formation of fruit quality and the adaptation to abiotic stresses. Original research, technology reports and methods are appropriate. In addition, new measurement methods, bioinformatical tools and joint multi-omics analysis are welcome.

### Guest Editors

Dr. Shunfeng Ge

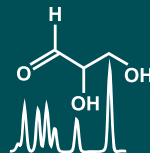
College of Horticulture Science and Engineering, Shandong Agricultural University, Tai'an, China

Dr. Fen Wang

College of Seed and Facility Agricultural Engineering, Weifang University, Weifang, China

### Deadline for manuscript submissions

closed (20 January 2024)



## Metabolites

an Open Access Journal  
by MDPI

Impact Factor 3.7  
CiteScore 6.9  
Indexed in PubMed



[mdpi.com/si/145553](https://mdpi.com/si/145553)

*Metabolites*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[metabolites@mdpi.com](mailto:metabolites@mdpi.com)

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





# Metabolites

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.7  
CiteScore 6.9  
Indexed in PubMed



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



## About the Journal

### Message from the Editor-in-Chief

The metabolome is the result of the combined effects of genetic and environmental influences on metabolic processes. Metabolomic studies can provide a global view of metabolism and thereby improve our understanding of the underlying biology. Advances in metabolomic technologies have shown utility for elucidating mechanisms which underlie fundamental biological processes including disease pathology. *Metabolites* is proud to be part of the development of metabolomics and we look forward to working with many of you to publish high quality metabolomic studies.

---

### Editor-in-Chief

Dr. Amedeo Lonardo

Internal Medicine, Ospedale Civile di Baggiovara, Azienda Ospedaliero-Universitaria, 41126 Modena, Italy

---

### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Biochemistry and Molecular Biology) / CiteScore - Q2 (Endocrinology, Diabetes and Metabolism)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.4 days after submission; acceptance to publication is undertaken in 3.6 days (median values for papers published in this journal in the first half of 2025).