

Special Issue

Organic Food

Message from the Guest Editor

Organic food is special type of food produced under strict rules of organic agriculture, horticulture and animal husbandry. In plant productions, any artificial fertilizers and plant pesticides are prohibited as well antibiotics in animal production. Only natural fertilizers (animal and plant manure, green manure, compost) and plant protection (predators, sticky boards, natural plant extracts) methods are allowed. Organic raw materials and products are characterized by a higher quality and food safety. It does not only have a high nutritional value, but also a higher amount of bioactive compounds such as vitamins, polyphenols and carotenoids. At present, interest in organic food is constantly growing. There is much examination and scientific evidence that organic food can diminish the effect of chronic diseases. Bioactive compounds in organic food have high anticancer, antimicrobial, antimutagenic properties. They are strong free radical scavengers and protect the human body against free radicals. **Keywords:** organic food; nitrates and nitrites; organic fruits; organic vegetables; bioactive compounds

Guest Editor

Dr. Ewelina Hallmann

Department of Functional and Organic Food, Warsaw University of Life Sciences, Nowoursynowska 159c, 02-776 Warsaw, Poland

Deadline for manuscript submissions

closed (30 November 2020)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/39231

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)