

Special Issue

Antioxidants in Foods: From Properties to Applications

Message from the Guest Editors

In recent years, there has been a growing interest in natural antioxidants and substances with antioxidant properties, reducing or preventing the harmful effects of free radicals. The compounds involved in antioxidant defence include endogenous and exogenous antioxidants, which form a kind of a shield system for the body, protecting it against the negative effects of oxygen radicals. Plant extracts also lend themselves to applications in the agri-food industry, to inhibit the development of pathological microorganisms in food and to remove biofilms constituting a threat to public health in food, pharmaceuticals and beauty products. Additionally, it is believed that a diet rich in antioxidants may reduce the risk of developing several nutrition-related conditions as well as delay the ageing process. Articles of interest for this Special Issue entitled "Antioxidants in Foods" concern the content of antioxidants, bioactive compounds and the antioxidant activity of foods, including herbs, edible flowers and food products, their health-promoting properties, as well as their use in the food industry as natural antioxidants

Guest Editors

Dr. Jakubczyk Karolina

Department of Human Nutrition and Metabolomics, Pomeranian Medical University in Szczecin, 24 Broniewskiego Street, 71-460 Szczecin, Poland

Prof. Dr. Katarzyna Janda

Department of Human Nutrition and Metabolomics, Pomeranian Medical University in Szczecin, 24 Broniewskiego Street, 71-460 Szczecin, Poland

Deadline for manuscript submissions

closed (10 February 2022)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.3



mdpi.com/si/74450

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

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





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.3



[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), Inspec, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)