

Special Issue

Intensification Technologies to Efficiently Extract Antioxidants from Agro-Food Residues

Message from the Guest Editor

As is well known, there is an increasing interest in recovering phytochemicals from agricultural, forestry, and food industry residues, aiming to reduce their environmental impact and improve sustainable economic growth in the bioeconomy scheme. These phytochemicals can be employed widely in food and feed, food supplements, and cosmetics products, among others, thanks to their bioactivity properties, such as antioxidant, antimicrobial, etc. The recovery of bioactive compounds from vegetal matrices involves several steps, where an adequate pre-treatment and extraction are of foremost importance. Industrial sustainability of recovery of phytochemicals from agro-food wastes will benefit from the implementation of intensified processes covering the use of solvents with improved properties, nonconventional energies or high static pressure. As guest editor, I cordially invite you to contribute to this Special Issue by submitting original research articles and review papers according to your notable expertise in the efficient extraction of phytochemicals from agro-food wastes.

Guest Editor

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Deadline for manuscript submissions

closed (30 April 2021)



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About the Journal

Message from the Editor-in-Chief

It has been recognized in medical sciences that in order to prevent adverse effects of “oxidative stress” a balance exists between prooxidants and antioxidants in living systems. Imbalances are found in a variety of diseases and chronic health situations. Our journal *Antioxidants* serves as an authoritative source of information on current topics of research in the area of oxidative stress and antioxidant defense systems. The future is bright for antioxidant research and since 2012, *Antioxidants* has become a key forum for researchers to bring their findings to the forefront.

Editor-in-Chief

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