Special Issue

Analyses and Applications of Phenolic Compounds in Food—2nd Edition

Message from the Guest Editors

The editorial board of Molecules (IF: 4.927, ISSN 1420-3049) invites you to submit an article or review to a Special Issue entitled "Analyses and Applications of Phenolic Compounds in Food-2nd Edition". The distribution and content of phenolic compounds in plant-based food products depend on multiple parameters, such as geographical areas, variety, and manufacturing practices. Thus, the contents of phenolics can be exploited as a source of analytical data to establish product classification and solve authenticity issues. Several analytical techniques have been developed for the extraction and analysis of phenolic compounds. The focus of this Special Issue is to collect and discuss conventional and innovative analytical techniques for food phenolics investigations, their possible applications as food preservatives or functional ingredients for the development of functional food and active food packaging, as well as food classification and authentication studies.

Guest Editors

Prof. Dr. Monica Rosa Loizzo

Dr. Ana Teresa Sanches-Silva

Prof. Dr. Oscar Núñez

Deadline for manuscript submissions

closed (31 July 2025)



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About the Journal

Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 29th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts, and novel materials. Pushing the boundaries of the discipline, we invite papers on all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

Editor-in-Chief

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