







an Open Access Journal by MDPI

Physicochemical Interactions in Food

Guest Editors:

Dr. Xin Wen

College of Food Science and Nutritional Engineering, China Agricultural University, Beijing, China

Dr. Yongtao Wang

College of Food Science and Nutritional Engineering, China Agricultural University, Beijing, China

Dr. Dandan Zhao

College of Food Science & Biology, Hebei University of Science & Technology, Shijiazhuang 051432, China

Deadline for manuscript submissions:

closed (1 December 2023)

Message from the Guest Editors

Dear Colleagues,

Physicochemical interaction between food components has received recent interest in various research areas, including food science, food processing, food nutrition, and human health. Emerging evidence indicates the potential role of physiochemical interaction in the stability, bioavailability, and biological activity of food components.

Therefore, contributions to this Special Issue may cover all research aspects related to the characterization of interactions between micromolecules (e.g. polyphenols, flavor compounds, etc.) and macromolecules (e.g. proteins, polysaccharides, lipids), or interactions between macromolecules in foods; the effects of food processing methods and parameters on their interactions; the influences of the interactions on stability, bioavailability, and biological activity of food compounds; the potential modulation of interactions to improve food quality; and critical reviews on related topics.

Dr. Xin Wen Dr. Yongtao Wang Dr. Dandan Zhao Guest Editors













an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt Institute of Pharmaceutical Biology and Phytochemistry, University of Münster, Corrensstrasse 48, D-48149 Münster, Germany

Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th 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 multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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), PubMed, MEDLINE, PMC, Reaxys, CaPlus / SciFinder, MarinLit, AGRIS, and other databases.

Journal Rank: JCR - Q2 (*Chemistry, Multidisciplinary*) / CiteScore - Q1 (*Chemistry (miscellaneous*))

Contact Us