



foods



an Open Access Journal by MDPI

Food Perception: Taste, Smell and Flavour

Guest Editors:

Dr. Xi Feng

Department of Nutrition, Food Science, and Packaging, San Jose State University, San Jose, CA 95192, USA

Dr. Yanping Chen

School of Agriculture and Biology, Shanghai Jiao Tong University, Shanghai 200240, China

Dr. Ying Liu

College of Food Science and Technology, Huazhong Agricultural University, Wuhan 430070, China

Deadline for manuscript submissions:

closed (5 September 2022)

Message from the Guest Editors

Dear colleagues,

Eating is an essential activity to acquire energy and necessary nutrients. When food is chewed it is broken down by teeth and further digested by enzymes in saliva. Its taste, aroma and textural characteristics are perceived and contribute to food perception. Amongst the above-mentioned characteristics aroma and taste are the most important ones, attributed to the release of non-volatile and volatile compounds. These non-volatile and volatile compounds react with the senses in human tongues or noses to evoke brain responses.

In this Special Issue we aim to publish innovative research results and review papers that provide a fundamental understanding of food perception and relevant factors that contribute to it. We also encourage potential authors to submit articles concerned with the application of biosensors to food perception. Articles that discuss the effects of food processing, pre/post-harvest, packaging, etc., on sensory characteristics are also welcomed.



mdpi.com/si/108097

Special Issue



foods



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Arun K. Bhunia

1. Department of Food Science,
Purdue University, West
Lafayette, IN, USA

2. Department of Comparative
Pathobiology (Courtesy), Purdue
University, West Lafayette, IN,
USA

Message from the Editor-in-Chief

Foods (ISSN 2304-8158) is an open access and peer reviewed scientific journal that publishes original articles, critical reviews, case reports, and short communications on food science. Articles are released monthly online, with unlimited free access. Currently, *Foods* has been indexed by the Science Citation Index Expanded (SCIE - Web of Science), PubMed, and Scopus. Our aim is to encourage scientists, researchers, and other food professionals to publish their experimental and theoretical results as much detail as possible. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global food science community.

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](#), [PMC](#), [FSTA](#), [AGRIS](#), [PubAg](#), and [other databases](#).

Journal Rank: JCR - Q1 (Food Science and Technology) / CiteScore - Q1 (Health Professions (miscellaneous))

Contact Us

Foods Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/foods
foods@mdpi.com
[X@Foods_MDPI](https://twitter.com/Foods_MDPI)