



foods



an Open Access Journal by MDPI

The Development of Novel Application of Electronic Nose in Food Field

Guest Editor:

Dr. Veronica Sberveglieri

1. National Research Council,
Institute of Bioscience and
Bioresources (CNR-IBBR), Via J.F.
Kennedy, 17/i, 42124 Reggio
Emilia, Italy
2. Nano Sensor Systems, NASYS
Spin-Off University of Brescia,
25125 Brescia, Italy

Deadline for manuscript
submissions:

closed (31 January 2020)

Message from the Guest Editor

This Special Issue aims to provide an up-to-date and comprehensive view of the applications in food field of electronic nose (or sensors array) science and technology.

The covered topics will span sensing devices, networks, and principles (e.g., chemical, physical, and biological sensors), electronic nose technologies, and sensor networks based on the food field.

The food field will include food security, and control of the entire production chain, from farm to fork, dealing with quality, authenticity, and shelf-life measurement.

The goal is to report novel, highly-functional technology such as electronic noses, applied to a field such as foodstuffs, where there is an increasing need for devices that are able to predict, control, and provide information in real-time or quickly on the state of food, whether at the level of industrial, domestic, or laboratory production. Technology is sought that aims to reduce time, costs, and provide information at any level of the food production chain.



mdpi.com/si/26118

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 & Technology*) / CiteScore - Q1 (*Health Professions (miscellaneous)*)

Contact Us

Foods Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/foods
foods@mdpi.com
X@Foods_MDPI