

Special Issue

Emerging Trends and Applications of Taste Sensors

Message from the Guest Editor

Taste sensors comprise techniques such as, lipid/polymer membrane potential sensors, chemical field effect transistors, microelectrode array sensors, etc. Taste sensors have attracted considerable interest over the last decade, and a wide range of applications of development in food, supplement, and pharmaceuticals has been witnessed. Moreover, the role of bitter receptors and sweet receptors in the extra-mouth is clear in the latest research. Bitter receptors in the extra-mouth correspond to asthma, immune diseases, etc., whereas sweet receptors in the extra-mouth correspond to lifestyle-related diseases. Taste sensors might not only be useful in the development of taste-favorite food, supplement, and pharmaceuticals but also in the development of new pharmaceuticals used in the treatment of various diseases and in medical diagnostics. I invite manuscripts for this forthcoming Special Issue on all aspects pertinent to emerging trends and applications of taste sensors. Both reviews and original research articles are welcome. For more information, please click: mdpi.com/si/74794

Guest Editor

Prof. Dr. Miyako Yoshida

Faculty of Pharmaceutical Science, Mukogawa Women's University, 11-68 Koshien 9-Bancho, Nishimiya, Hyogo 663-8179, Japan

Deadline for manuscript submissions

closed (31 March 2022)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/74794

Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

[mdpi.com/journal/
sensors](https://mdpi.com/journal/sensors)





Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



[mdpi.com/journal/
sensors](https://mdpi.com/journal/sensors)



About the Journal

Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

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, Ei Compendex, Inspec, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Instruments and Instrumentation) / CiteScore - Q1 (Instrumentation)