

sensors



an Open Access Journal by MDPI

Next-Generation Sensing Probes and Devices for Biomarker Detection

Guest Editor:

Prof. Dr. Perena Gouma

Department of Materials Science
and Engineering, The Ohio State
University, Columbus, OH, USA

Deadline for manuscript
submissions:

closed (30 June 2021)

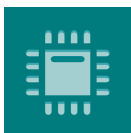
Message from the Guest Editor

The American Thoracic Society and European Respiratory Society recently came up with guidelines correlating the concentration of fractional nitric oxide (f_eNO) exhaled with the presence of airway diseases. Since then, the path has opened for using distinct gaseous biomarkers in the breath and skin of humans and animals for non-invasive and non-intrusive medical diagnostics. This Special Issue aims to capture recent progress in the field of gas sensing with respect to nitric oxide, acetone, isoprene, alcohols, alkanes, alkenes, sulfides, and any other compound that may signal the onset of disease or metabolic malfunction.



mdpi.com/si/35175

Special Issue



sensors



an Open Access Journal by MDPI

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

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.

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 & Instrumentation*) / CiteScore - Q1 (*Instrumentation*)

Contact Us

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

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

mdpi.com/journal/sensors
sensors@mdpi.com
[X@Sensors_MDPI](#)