

Special Issue

Next-Generation Sensing Probes and Devices for Biomarker Detection

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 (feNO) 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.

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)



Sensors

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Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



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

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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

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