



sensors



an Open Access Journal by MDPI

Recent Advances Sensors in Electromechanical Transducers

Guest Editor:

Prof. Dr. Ezzat Bakhoun

Department of Electrical and
Computer Engineering, University
of West Florida, Pensacola, FL
32514, USA

Deadline for manuscript
submissions:

closed (30 November 2022)

Message from the Guest Editor

This Special Issue is dedicated to new manuscripts that describe recent advances in electromechanical sensors and transducers. The topic is broad and is dedicated to the audience of practicing industry engineers, corporate researchers, and graduate students in electrical engineering, mechanical engineering, and physics. The Special Issue topics include, but are not limited to:

- Sensors that are based on the principle of capacitance variation.
- Sensors that are based on the principle of inductance variation.
- Electromechanical sensors that depend on radioactive sources.
- Sensors that are based on nanotechnology, especially on carbon nanotubes and nanowire sensing elements.
- Electro-optical sensors and transducers.
- Novel new sensor and transducer designs.



mdpi.com/si/66494

Special Issue



sensors



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Department of Electrical and
Information Engineering,
Politecnico di Bari, Via Orabona
4, 70126 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 and Instrumentation) / CiteScore - Q1 (Instrumentation)

Contact Us

Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

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