



sensors



an Open Access Journal by MDPI

Semiconductor Sensor

Guest Editors:

Prof. Dr. Mulpuri V Rao

Department of Electrical and
Computer Engineering, George
Mason University, Fairfax, VA
22030, USA

Dr. Md Ashfaque Hossain Khan

George Mason University, Fairfax,
VA 22030, USA

Deadline for manuscript
submissions:

closed (15 March 2022)

Message from the Guest Editors

Dear Colleagues,

Sensors play an important role in advancing technology for various applications. We encourage authors to submit original research papers on various types of semiconductor-based sensors, not including photosensors. The types of sensors we are interested in for this Special Issue include but are not limited to chemical/gas, radiation, biological, stress, and motion sensors. The articles can be related to the fabrication, characterization, modeling and reliability of the sensor devices. The semiconductors can be elemental or any compound semiconductor. Articles on novel applications of the existing sensor devices are welcome as well.

Prof. Dr. Mulpuri V Rao

Dr. Md Ashfaque Hossain Khan

Guest Editors



mdpi.com/si/37488

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 (*Chemistry, Analytical*) / 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](#)